1493. r. 44.

Mr. Hoppus's Measurer
GREATLY ENLARGED
AND
IMPROVED.

The ATTESTATIONS of ſeveral *ingenious Gentlemen* (who have appeared in PRINT) in Favour of this Work.

I. THE *Content* exhibited by the *Girt* is the *moſt juſt*, giving near a *Medium* in Content or Quantity between the Extreams of Meaſuring by the *Geometrical Way*, and by the *Square within* (both which Ways are *in ſome* Caſes liable to Objection) and is certainly the *moſt equitable* Way of meaſuring, between the *Buyer* and *Seller*; and therefore TABLES were, with *juſt Reaſon*, more particularly adapted and the RULES given for *that* Way of Menſuration, which hath obtained to be a *reaſonable* and *cuſtomary* Method.

E. HATTON, *Gent.*

II. THERE hath been great Pains taken by ſeveral Authors upon this Subject, endeavouring to ſet aſide this *cuſtomary* Way of meaſuring, but ſince a CUSTOMARY PRICE is ſettled *accordingly*, it is but a *vain* and *fruitleſs* Attempt; becauſe if *the one* is altered, *the other* muſt be altered alſo; which comes to the ſame thing.

EDWARD LAURENCE,
Land-Surveyor.

III. TO make a Buſtle about an *abſolute* Exactneſs in Tables of this Kind is *Idle*, and can argue no great Sagacity: For to pretend to *refine* upon theſe Things which are of a PRACTICAL *Nature*, to any Degree beyond what is ever likely *to be admitted into* PRACTICE, is not only an Argument of *great Vanity*, or *little Judgment*, but diſcovers a ſtronger Inclination *to amuſe* Mankind, than to do them any *real Service*.

CHARLES LEADBETTER,
Teacher of the Mathematics, LONDON.

I. See *his* Vindication of Meaſuring by the *Girt*.
II. See *his* Office and Duty of a Land Steward.
III. See *his* Obſervations on *J. Worgan*'s Tables.

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Practical Meaſuring
Made Eaſy
To the Meaneſt Capacity,
BY
A New Set of Tables;
Which ſhew at Sight,
The *Solid* or *Superficial* Content (and
conſequently the Value) of any *Piece*
or *Quantity* of *ſquared* or *round*
Timber, be it *Standing* or *Felled*,
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Shewing the *Excellence* of this *New*
Method of Meaſuring, and *Demonſtrating*,
that whoever ventures to rely upon thoſe
Obsolete Tables and Directions Publiſhed
by Isaac Keay, is liable to be
deceived (*in common Caſes*) 10s. in the
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II. Mr. Hoppus's Table of *Solid* Meaſure applied to the Freighting of Ships.
III. Some *very curious* Obſervations concerning the Meaſuring of Timber by Several Dimensions, communicated by one of his *Majeſty*'s Purveyors.

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of *E. Wickſteed*, for
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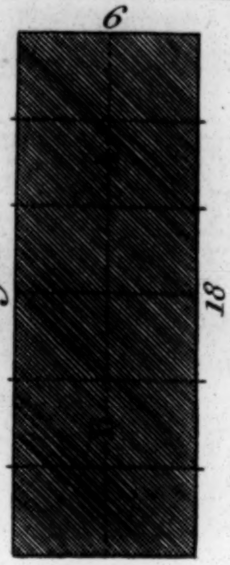

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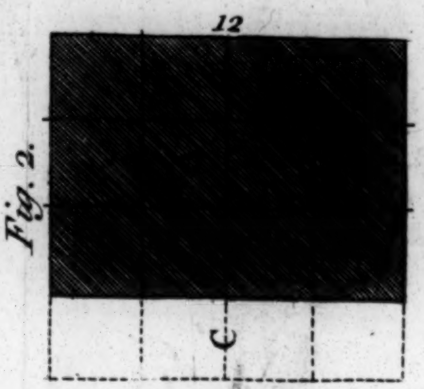

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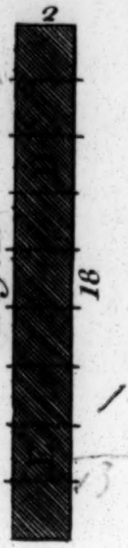

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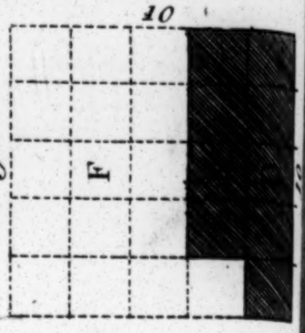

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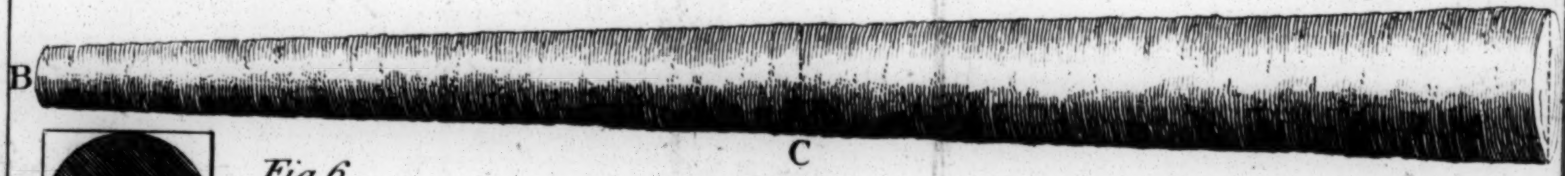

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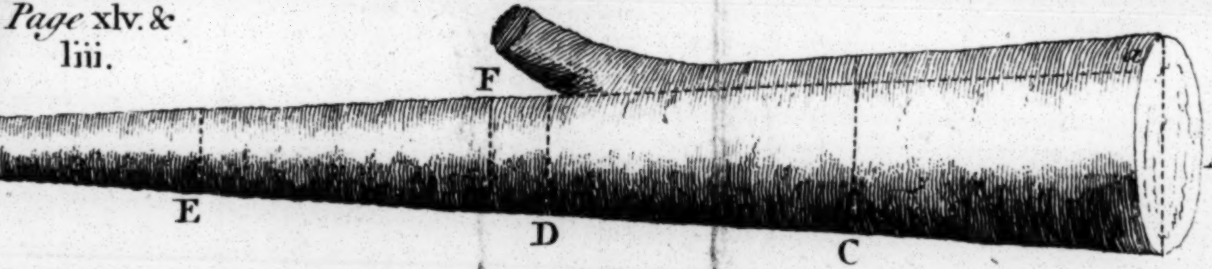

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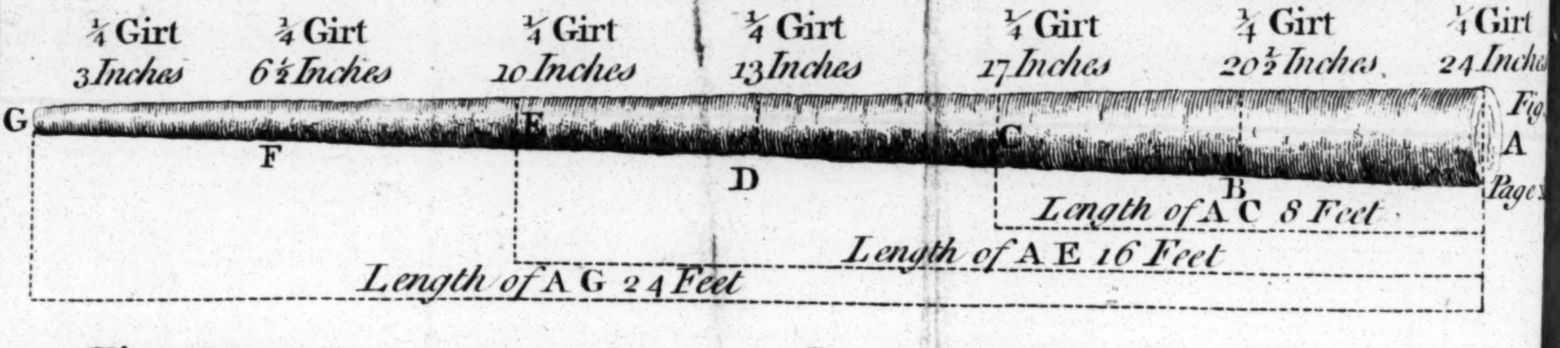

Fig

Page x

Fig. 5 Meaſured by 3 Dimenſions

			Solid Feet
The Piece	A.C	*meaſured Singly makes*	23 ¼
	C.E		10 ¾
	E.G		2 ¾
The Total	*as 3 Pieces*		35 ¾
	as 1 Piece		30 ¼
Gained by 3 Dimenſions			5 ½

The Part C.G. by 2 Dimenſions.

			Solid
The Piece	C E	*meaſured Singly makes*	10
	E G		2
The Total	*as 2 Pieces*		12
	as 1 Piece		11
Gained by 2 Dimenſions			1

THE PREFACE.

TO thoſe who are unacquainted with the *intolerable Miſtakes* and *numerous Imperfections*, with which *other Tables*, already extant, for the meaſuring of *Timber*, *Stone*, &c. do abound; to ſuch, I ſay, it may ſeem unneceſſary, at this Juncture, to trouble the World with any *new Calculations* upon this Subject: Yet upon an impartial Examination of what has been publiſhed upon this Head, it will appear, that it has hitherto been the Fate of thoſe Writers either to have been very *indolent* or *very ignorant*, or, what is ſtill worſe, *very diſhoneſt*.

DARLING's *Carpenter's Rule made eaſy*, and KEAY's *Practical Meaſurer*, are the Books got into the Hands of moſt *Buyers* and *Sellers* of *Timber*, *Stone*, &c. and have been too long already *implicitly* relied upon; eſpecially the *laſt*, as will appear from the following Obſervations.

I. In *Darling*, it is true, you have a Table for finding the *true Square* of *unequal-ſided Timber*; but then it is ſo far from being *generally uſeful*, that if you have any Occaſion to look for the *Square of* 2 *Inches by* 5 *Inches*, $2\frac{1}{2}$ by $7\frac{1}{2}$, $3\frac{1}{2}$ by $11\frac{1}{2}$, $5\frac{1}{2}$ by $17\frac{1}{2}$, *&c. they are no where to be found*, notwithſtanding theſe *Dimenſions* are *frequently* wanted for the meaſuring of *Joiſts*, *Bond Timbers*, *Lintelling*, and ſeveral other Sorts of *Timber*, as well as for *Stone*, &c. uſed in Building. And then *Darling* having extended his Table of *the Square* of *unequal-ſided* Timber no farther than to *double* the *leſſer Side*, and *beginning* with 2 and *ending* with 36 Inches; this has rendered them very *defective*, and conſequently of *little Uſe*. Whereas theſe *new Tables*, from 2 as far as 9, run to 18 Inches the *other ſide*, and are extended to 54 Inches the *largeſt ſide*, equal to the Extent of the Table of *ſolid Meaſure*, to which they relate. And beſides all this, the Table he exhibits for the ready finding the *Contents* of *equal-ſided* Timber is ſo very ſhort, that *Darling* in this reſpect is more *defective* than even *Keay* himſelf.

II. In *Keay* you have no Table at all for the meaſuring of *unequal ſided* Timber, Stone, *&c.* but thro' the *Ignorance or Diſhoneſty* of the Author*, an *erroneous* Rule *is laid down*, viz.

" *Add*

---

* If *I. K.* did really believe that the Contents of *unequal-ſided* Timber could be found by his Tables, obſerving the RULE he gives in the laſt Page of the *Explanation* of his Table of *ſolid Meaſure*, it is very plain from the following Examples, that he *exceeded in Ignorance*.

And if on the other Hand it can be ſuppoſed he was aware that *his Tables and Directions* would not anſwer their End, it is undeniable, that he has treated the Publick with *great Diſingenuity*, by taking upon himſelf to inſinuate the Contrary.

“ *Add the two Sides together,* “ *and take the* Half *thereof for the* “ true *Square, or take a* Fourth “ *of the Girt, or* Four *Sides.*”

Now *this Rule,* which he lays down for your *Guide,* is ſo far from *Truth,* that a *greater Fallacy* could hardly be aſſerted.

EXAMPLE I.

[See the Copper Plate Facing *page* xi.]

Let Fig. 1. *(marked* A B) *repreſent the* End *of a Piece of* Timber *or* Stone, *ſo* unequal-ſided *as* 18 *Inches* Broad, *and but* 6 *Inches* Thick.

Now to find the true Square *of this Piece,* Keay *directs you to* add *together the* two *Sides,* viz. 18 *and* 6, *which makes* 24 *Inches, and if you take* Half of that Number, *viz.* 12, ſays he, *you have the* true Square; *whereas by theſe new* Tables, *and in* Fact, *it is* not quite 10 Inches $\frac{1}{2}$.

DEMONSTRATION.

Let Fig. 2. *repreſent a* Square *of* 12 *Inches* each Side, *then divide* Fig. 1. (*by the ſtrongeſt dotted Line*) *into* two *equal Parts, and take that Part marked* B, *and place it in* Fig. 2. *then take the other Part marked* A, *and place it in* Fig. 2. *likewiſe*; *and when this is done there will plainly appear* to be wanting *all the* dotted Part C, *which is no leſs than* one Fourth *of the* whole *Square*; *and conſequently*

quently the Buyer, *if he relies upon the Advice of the* judicious *Mr.* Keay, *he certainly pays for* one Fourth more *Timber than in reality he has, or ought to pay for.*

But this Miſtake *of* 5s. in the Pound, *you ſhall ſee, is only one of Mr.* Keay*'s* Peccadillos.

EXAMPLE II.

[See the Copper Plate Facing *page* xi.]

Let Fig. 1. (*marked* DE) *repreſent the* End *of a Piece of* Timber *ſo* unequal-ſided *as* 18 *Inches* broad, *and but* 2 *Inches* thick.

Now if you rely upon Keay, *and* add *together the* two Sides 18 *and* 2, *it makes* 20 *Inches.* Half of which, *ſays he, is the* true Side of the Square, *viz.* 10 *Inches*; *whereas by my* Tables, *and in* Truth, *the true* Side of the Square *is but* 6 *Inches.*

DEMONSTRATION.

Let Fig. 2. *repreſent a* Square *of* 10 *Inches* each Side, *then* divide Fig. 1. (*by the* ſtrongeſt *dotted Line*) *and take that Part marked* D *and place it in* Fig. 2; *then take the other Part marked* E, *and place it in* Fig. 2 *likewiſe*; *and when this is done, there will plainly appear* to be wanting *all the* dotted Part F, *which is near* two Thirds *of the* whole *Square, and conſequently the Buyer, when in Fact he ought to pay but* 7*s.* 2*d.* $\frac{3}{8}$, *if he is guided by* Keay, *he muſt pay* 20 *s.*

which is 12*s.* 9*d.* $\frac{5}{8}$ in every 20*s.* in his own wrong*†.

---

	s.	d.
* Should be paid	07	2 $\frac{3}{8}$
K. adviſes you to pay too much	12	9 $\frac{5}{8}$
	20	0

† But, perhaps, the above Manner of Demonſtration, which is *Geometrical*, may not appear clear and ſatisfactory to all, and therefore I ſhall demonſtrate the *Fallacies* of Keay's Rule *Arithmetically*.

DEMONSTRATION.

Suppoſe you have a Piece of Timber, *each Side* whereof is 12 *Inches* (or a *Foot Square*) theſe *multiplied* into *each other* (viz. 12 by 12) make 144 (the *Inches* in a *ſuperficial Foot*;) but ſhould the *Sides vary*, or become unequal, *ever ſo little* from this *Size*, there will be a *Fallacy* in the above-mentioned Rule.

For, was *one* Side 13 *Inches*, and the *other* 11, theſe *added* together, the *Half* will ſtill be 12 for the *true Square*.

But if *multiplied* together (as they always ought to be, and are in the Calculation of theſe *New* Tables) it will be but 143. So that here is *One* ſuperficial Inch *too much* in *every* Foot of *Length*, be there ever ſo many.

AGAIN,

If *one Side* is 16 Inches, and the *other* 8 Inches, theſe *added* together, *the Half* is alſo 12, for the *true Square*; but *multiplied*, it is only 128; ſo that in this Caſe, whoever has any Thing to do with *Keay*'s *Rule* and *Tables*, will certainly pay for 16 ſuperficial Inches *too much* in *each Foot* in *Length*, be there ever ſo many.

Let us now *re-conſider* Example I. and II. *Arithmetically*.

In Example I. 18 *multiplied* by 6 is but 108, and, conſequently, *Keay*'s *Rule*, which makes it 144, is *exceeding falſe*, that being 36 *ſuperficial* Inches *too much* in every Foot in *Length*, be there ever ſo many; or *one Fourth*, as was before *demonſtrated*.

From

From theſe *Demonſtrations* it is plain, that no Man ought to aſſume the Character of an Author, and *publickly* to take upon himſelf to determine in the Buſineſs of MEUM and TUUM before he is well aſſured of his own Abilities for ſuch an Undertaking, and is reſolved to make ſome *Conſcience* of what he publiſhes: If a due Regard had always been had to this Conſideration, we ſhould never have met with any *Formal Pretender*, preſuming to teach others thoſe Things, which it is evident *he did not underſtand himſelf*.

I ſhould ſcorn to make theſe Obſervations at all for the Sake of Diſparaging the Performances of others, or to build myſelf a Reputation on their Ruin; but I think myſelf obliged to acquaint the Publick with the plain Truth of Things without Favour or Affection; and am ſatisfied, if this Conduct were oftener practiſed, both the Time and Expence of gaining uſeful Knowledge would be much ſhortened; and whoever endeavours to promote

---

In Example II. where the *different* Sides are 18 and 2, theſe *added* make 20, whoſe *Half* is 10, which being *multiplied* by itſelf (viz. 10 by 10) is 100; whereas the Sides *multiplied* together make but 36, and conſequently, if you have any Thing to do with *Keay*'s *Rule* and *Tables*, you certainly pay for 64 *Superficial* Inches in every 100 Inches more than you have, which is above 12s. and 9d. in every 20s. more than ought to be paid, as was before *Geometrically demonſtrated*.

that, let the Returns he meets with be what they will, he certainly lays the Publick under the greateſt Obligations.

By this Time, it is to be preſumed, no Man can doubt the Publick to be in want of a *new* Set of Tables for meaſuring all Sorts of *Timber*, *Stone*, *Boards*, &c. and theſe I here preſent them with, by giving the Contents in *Feet*, *Inches*, and 12*th Parts of an Inch*, which is the moſt *natural Method*, and beſt adapted to *ordinary Capacities*, (for whoſe ſake theſe Tables were principally intended.) I ſay, the *Method* of theſe Tables (ſince it *comes near enough the Truth*, and can be *at Sight* conceived) is *much preferable* to the 10000 Parts of a Foot, made uſe of by *Darling*; or the more unintelligible 432 Parts of a Quarter of a Foot, made uſe of by *Keay*.

The Table of *Superficial* or *Flat Meaſure* is *new*, and is extended to 24 Inches the *Breadth* (which is *double* the Breadth of *Keay*'s) and is calculated to the Exactneſs of a *Quarter of an Inch*; which renders it very uſeful to *Glaziers and others*, who Meaſure *flat* Work to the *greateſt Exactneſs*, which *Keay*'s Table of *Flat Meaſure* does not, by Reaſon he has omitted the *Quarters*.

Senſible of the *Conſequences* that miſtakes in Printing muſt occaſion, in Works of *this Nature*, I have been careful in examining each Number throughout the Book, ſo that I have Reaſon to believe they are *all exact*; and therefore, both the *Buyer* and *Seller* may depend upon meeting with *mutual Juſtice* from theſe Tables; which, it is plain, from what has been ſaid above they are not to expect from *Keay*'s, where the Preſs Errors are groſs and numerous.

I believe no Body can doubt theſe Tables being as extenſive as was conſiſtent with my Deſign of making them a *cheap Pocket-Companion*; and if the Publick reap the Advantage from them, which I intended they ſhould, it will be ample Satisfaction to me, and I think they can have no Reaſon to complain*.

E. H.

[☞ *The* new TABLES *ſhewing the* VALUE *of* Timber, Stone, &c. (*cut to any* Size *or* Scantling) per Foot-*Cube*, added *to this* NINTH EDITION, *we dare ſay, will be found ſo* very Uſeful *to all who are concerned in Building, that we need not think of making any Apology for inſerting* them.]

* POSTSCRIPT.

The Liſt of the *preſent* Prices of *Locks, Bolts, Hinges, Nails,* &c. in the APPENDIX, *is entirely new,* and full of ſuch Intelligence, as muſt afford great Satisfaction to thoſe who deſire to be *good Huſbands* in the Affairs of Building. And,

And, therefore, I am perſuaded it will be well received by thoſe who conſult it.

The Prices I have ſet down are ſuch as they are *now* ſold at by the *wholeſale* Smiths and Ironmongers, either to *Workmen* or *Gentlemen*, who take them *in ſuch Quantities* as I have ſet them down (viz. ſome *ſingle* and ſome in *Dozens*, &c.) for thoſe *Retailers*, or *Shop-keepers*, who buy of theſe large Dealers to ſell again, have them for leſs than I have ſet down, *viz.* at the *Retailer's Price.*

I have ſometimes heard inconſiderate People, as well as thoſe whoſe Intereſt it is that the *real* Value of theſe Sorts of Goods ſhould remain a Secret, object againſt the publiſhing any Thing of this Kind; becauſe every one has not an Opportunity of applying always to the *wholeſale* Ironmongers and Smiths for what they want, but are forced to take what they have occaſion for from the *Retailer* in the *Country*, at his Price, and of which, ſay they, you have not taken the leaſt Notice. In anſwer to this, let ſuch People take the following Conſiderations: I. That it is impoſſible, in the Nature of the Thing, there could be any *one* Book of Rates for theſe Goods which would hold *equally* in all Parts of the Kingdom alike. II. That many of the *Country Retailers* are very Arbitrary, and will not at all be ſatisfied with a *moderate Profit*, which the wholeſale Dealers muſt; for he who is not, can have little or no Buſineſs; and though the *Gentlemen* and *Workmen* are not always well acquainted with the Value of theſe Goods, yet the *Retailers* always are, and knowing the different *wholeſale* Dealers, will always go to one who uſes them beſt. III. For theſe Reaſons (in which I have been confirmed by the Advice of ſeveral ſkilful and intelligent Workmen) I have choſe to ſet down thoſe Prices only which the *wholeſale Dealers* take of *Gentlemen* and *Workmen*; becauſe from theſe it is *eaſier* and *ſafer* both for the *Gentleman* and *Workman*, to draw more advantagious and beneficial Concluſions, than from any other Prices whatſoever.

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I believe no Body can doubt theſe Tables being as extenſive as was conſiſtent with my Deſign of making them a *cheap Pocket-Companion*; and if the Publick reap the Advantage from them, which I intended they ſhould, it will be ample Satisfaction to me, and I think they can have no Reaſon to complain*.

E. H.

[☞ *The* new TABLES *ſhewing the* VALUE *of* Timber, Stone, &c. (*cut to any* Size *or* Scantling) per Foot-*Cube*, added *to this* NINTH EDITION, *we dare ſay, will be found ſo* very Uſeful *to all who are concerned in Building*, *that we need not think of making any Apology for inſerting* them.]

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The Liſt of the *preſent* Prices of *Locks*, *Bolts*, *Hinges*, *Nails*, &c. in the APPENDIX, *is entirely new*, and full of ſuch Intelligence, as muſt afford great Satisfaction to thoſe who deſire to be *good Huſbands* in the Affairs of Building.

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I have ſometimes heard inconſiderate People, as well as thoſe whoſe Intereſt it is that the *real* Value of theſe Sorts of Goods ſhould remain a Secret, object againſt the publiſhing any Thing of this Kind; becauſe every one has not an Opportunity of applying always to the *wholeſale* Ironmongers and Smiths for what they want, but are forced to take what they have occaſion for from the *Retailer* in the *Country*, at his Price, and of which, ſay they, you have not taken the leaſt Notice. In anſwer to this, let ſuch People take the following Conſiderations: I. That it is impoſſible, in the Nature of the Thing, there could be any *one* Book of Rates for theſe Goods which would hold *equally* in all Parts of the Kingdom alike. II. That many of the *Country Retailers* are very Arbitrary, and will not at all be ſatisfied with a *moderate Profit*, which the wholeſale Dealers muſt; for he who is not, can have little or no Buſineſs; and though the *Gentlemen* and *Workmen* are not always well acquainted with the Value of theſe Goods, yet the *Retailers* always are, and knowing the different *wholeſale* Dealers, will always go to one who uſes them beſt. III. For theſe Reaſons (in which I have been confirmed by the Advice of ſeveral ſkilful and intelligent Workmen) I have choſe to ſet down thoſe Prices only which the *wholeſale Dealers* take of *Gentlemen* and *Workmen*; becauſe from theſe it is *eaſier* and *ſafer* both for the *Gentleman* and *Workman*, to draw more advantagious and beneficial Concluſions, than from any other Prices whatſoever.

THE
EXPLANATION
AND
USE
Of the following
TABLE
OF THE
SQUARE of *unequal-ſided* TIMBER, STONE, *&c.*

Beginning *Page* 2, and ending *Page* 22.

BEfore I proceed *to explain*, and ſhew *the Uſe*, of the Table of *ſolid Meaſure*, it is neceſſary that I ſhould *explain*, and ſhew the *Uſe* of the Table of the *Square of unequal-ſided Timber*, whereby any Piece of Timber, Stone, *&c.* being *broader one Way* than the *other*, we may find the *Side of the Square* equal thereto.

I. At the *Beginning* of this Table, betwixt *two parallel Lines*, ſtand *two Inches Square*, which two Inches is the *Thickneſs*, or *leſſer Side*, of the *End* of a Piece of Timber that you would find the *Square* of; and under the ſaid *parallel Lines* are *three* Rows or Columns of Figures: in that Column to the *left Hand*, divided from the *other two* by a black Line, is the *Breadth or larger Side* of the Piece to be meaſured.

Note,

Note, The *little* Figures of 2, which, in the ſaid *left Hand* Column, ſtand between 2, 3, 4, 5, *&c.* ſignify two *Quarters* or *Half an Inch.*

II. The *ſecond* and *third* Row of Figures ſhew the *Square* of the Piece in *Inches*, and *Quarters of an Inch*, anſwering to every *Inch* and *Half Inch* of *Breadth* in the *left Hand* Column.

To find the Square *of* unequal-ſided *Timber.*

EXAMPLE I.

Suppoſe you have a Piece of Timber or Stone, the End of which is 3 *Inches* Thick, *and* 7 *Inches* Broad, *and want to know the* Square Side *of it :*

Look in the Table for 3 Inches, *the Thickneſs* (*or leſſer Side*) betwixt the *parallel Lines*, keeping your Eye down the *left Hand* Column till you come to 7, and *over againſt* that, in the 2d and 3d Row, you will find 4 : 2, which ſignifies, 4 *Inches* 2 *Quarters*, or Half an Inch, and that is the *Square Side* of a Piece of *Timber* or *Stone*, equal to 3 Inches *Thick* and 7 Inches *Broad.*

EXAMPLE II.

If you have a Piece of Timber or Stone, the End *of which is* 4 *Inches and an Half* Thick, *and* 11 *Inches and an Half* Broad, *and would know what is the* Square *of it :*

Look for 4½ the *Thickneſs*, (*or leſſer Side*) betwixt the *parallel Lines*,

Lines, keeping your Eye down the *left Hand* Column, and betwixt 11 and 12 is a *ſmall* Figure of 2, which ſignifies *Half an Inch*, and conſequently ſtands for 11$\frac{1}{2}$ (*the Breadth*) and *over-againſt* that, in the 2d and 3d Row, you will find 7 : 1, which is 7 *Inches* and 1 *Quarter*, and that is the *Square* Side of a Piece of Timber or Stone, *equal to* 4 Inches $\frac{1}{2}$ *thick* and 11 $\frac{1}{2}$ *broad.*

Example III.

Let there be a Piece of Timber whoſe Thickneſs *at the End is* 29 *Inches and* $\frac{1}{2}$, *and the* Breadth 34 *Inches*, *the* Square Side *of which will be found in the Table to be* 31 Inches *and* 3 Quarters.

☞ If any one ſhould object that the *Quarters* of an Inch are not conſidered in this Table of *unequal ſided* Timber; to ſuch it may appear (from an Example or two) that to have taken Notice of the *Quarters* in the Table, would have been *unneceſſary*; becauſe there is no *Square Side* to be found *nearer* than what I have calculated.

Example IV.

If you have the End *of a Piece of Timber* 5 *Inches and* $\frac{3}{4}$ Thick, *and* 7 *Inches and* $\frac{1}{4}$ Broad.

In this Caſe, *take the* Quarter *from the* largeſt Side, *and add it to the* ſmalleſt Side, *and then it will* be 7 *Inches* broad by 6 *Inches* thick.

Then look in the Table for 6, betwixt the *parallel Lines*, and *over againſt* 7, in the *left Hand* Co-

Column you will find 6 : 2, which is 6 *Inches* and an *Half* the *true Square.*

EXAMPLE V.

If you have the End *of a Piece of Timber* 15 *Inches* $\frac{3}{4}$ Thick, *and* 19 *Inches* $\frac{1}{4}$ Broad.

Call it 16 by 19, whoſe *Square Side* in the Table is 17 : 2, or 17 *Inches* and *an Half.*

N. B. *But if a* Quarter *of an Inch happens to* one Side only, *you may reject it without any material Loſs. For the above Method will be ſufficiently near in all Caſes, provided you remember to take the* Quarter *from the* largeſt Side, *and add it to the* leſſer Side. *But leſt any one ſhould entertain a Prejudice againſt this Table, by reaſon the* Quarters *are omitted, let him take the following:*

EXAMPLE VI.

Let there be a Piece of Timber ſo unequal-ſided *as* 17 Inches $\frac{1}{4}$ Broad, *and but* 3 *Inches* $\frac{1}{4}$ Thick.

By the *above Rule* call it 3 $\frac{1}{2}$ by 17, the *Square Side* of which, by the Table, is 7 : 3, or 7 Inches $\frac{3}{4}$; take it likewiſe the *contrary Way*, and call it by 17 $\frac{1}{2}$, and the *Square Side* by the Table, is 7 : 1, or 7 Inches $\frac{1}{4}$; and therefore in this Caſe, the Truth will be the *Mean* betwixt 7 : 3, and 7 : 1, which is 7 : 2, and that is the *exact Square Side* of a Piece of Timber, 17 Inches $\frac{1}{4}$ by 3 $\frac{1}{4}$. *For where the* Sides *are* ſo very different, *one to the other, you ſhould look for it* both Ways, *and*

and take the Mean *betwixt the* Extreams.

N. B. *Though it is ſeldom, or never, like to happen* in Practice, *yet I will ſuppoſe you have* Occaſion *to find the* Square Side *of a Piece of Timber, or Stone,* too large *for the* Extent *of this Table.*

EXAMPLE VII.

You have a Piece of Timber 60 *Inches* (*or* 5 *Feet*) thick, *and* 96 *Inches* (*or* 8 *Feet*) broad, *and want to know the* ſquare Side *of it.*

Take *Half* the *Thickneſs* (of 60) which is 30, and *Half* the *Breadth* (of 96) which is 48. Look in the Table for 30, betwixt the *parallel Lines*, keeping your Eye down the *left Hand* Column, 'till you come to 48, and *over againſt* that in the 2d and 3d Row is 38 : 0, which 38 *Inches* is *one Half* of the *Square Side* of the Piece, and that *doubled* makes 76 : 0, and is the *Square Side* of the Piece required.

Vide Example VI. in *Solid* Meaſure, *Page* xxiii.

THE
EXPLANATION
AND
USE
Of the following
TABLE
OF
Solid Meaſure.

Beginning *Page* 24, and ending *Page* 128.

I. THIS Table *begins* with 2 *Inches* the *Side* of the *Square*, and by the *Addition* of a *Quarter* of an Inch enlarges itſelf to the Extent of 54 *Inches* (or a *Yard and Half*) the *Side* of the *Square*.

II. Every Page of this Table conſiſts of *two* diſtinct *Parts*, divided from each other by a *double Line*: And at the *Top* of each of the ſaid *Parts* is ſet down the *Side of the Square* or *one Fourth* of the *Girt* or *Circumference*, of the Piece of *Timber*, *Stone*, or other *Solid*, intended to be meaſured.

III. The *firſt* Column to the *left Hand*, ſhews the ſeveral *Lengths* in Feet, from *one Quarter* of a *Foot*, to 45 Feet, and of ſuch a Piece of Timber, whoſe *Side* of the *Square*, (or ¼ of the *Girt*) is ſet down at the *Top*.

IV. The *three* Rows of *Figures* in the *ſecond* Column, marked at the *Top* with Ft. In. Pa. is the *ſolid* Content in *Feet*, *Inches*, and 12th *Parts of an Inch*, anſwering to *every Foot* in *Length*, in the *left Hand* Column.

To meaſure ſquare *Timber.*

1. With a *two Foot*, or any other *Rule*, meaſure the *Length* of the Piece in *Feet*, and ſet it down in your *Memorandum*-Book.

2. Then with your Rule, if your Timber be *equal ſided*, take the *Side of the Square* in *Inches*, and *Quarters* if there be any, and ſet that down likewiſe.

But note, *That if your Timber, or Stone, be* unequal-ſided, i. e. *if it be* broader *one Way than the other, in this Caſe, you muſt firſt reduce it to a* Square, *by the Table of* unequal ſided *Timber*; beginning *Page* 2, and ending *Page* 22.

3. Having ſet down the *Length* in *Feet*, and the *Side of the Square* in *Inches* and *Quarters*, as above directed, look at the *Top* of the Table of *Solid Meaſure*, for the *Side of the Square*; and having found that, keep your Eye down the *left Hand* Column, till you find the *Length* of your Piece in *Feet*; and the *three* Rows of *Figures*, which ſtand *over-againſt* the *Length* in Feet, is the *ſolid Content* in *Feet*, *Inches*, and 12*th Parts* of an Inch.

Ex-

EXAMPLE I.

You have a Piece of Timber 10 *Feet* long, *and the* Side of the Square *is* 7 *Inches. What is the* ſolid Content *of it?*

At the *Top* of the Table of *ſolid Meaſure* find 7 Inches, the *Side of the Square*, and keep your Eye down the *left Hand* Column, till you come to 10 Feet, the *Length* of your Piece; and *right againſt* that, ſtands 3 : 4 : 10 (*viz.* 3 *Feet* 4 *Inches*, and 10 *Twelfth* Parts) which is the *ſolid Content* of the *Piece* required.

EXAMPLE II.

The Length *of a Piece of Timber* is 19 *Feet, and the* Side of the Square 14 *Inches* ¾. *What is the* ſolid Content?

Having found 14 ¾ *the Side of the Square*, look for 19 *Feet*, in the *left Hand* Column, and *over-againſt it*, ſtands 28 *Feet*, 8 *Inches* and 5 *Parts*; and that is the *ſolid Content* of a Piece, 19 *Feet long*, and 14 Inches ¾ *ſquare*.

EXAMPLE III.

The Length *of a Piece of Timber is* 40 *Feet*, the Side of it one Way *is* 4 *Inches*, and 16 *Inches the* other Way. *What is the* ſolid Content?

Note, *Theſe* differing Sides *muſt be reduced to* a Square *by the Table of* unequal-ſided *Timber*, as already taught, which *Square* appears by the ſaid Table to be 8 Inches.

Having found 8, at the *Top* of the Table of *ſolid Meaſure*, look for 40 Feet (the *Length* of the Piece) in the *left Hand* Column; and *right againſt* that, ſtands 17 *Feet*, 9 *Inches*, and 4 *Twelfth* Parts; the *ſolid Content*.

N. B. Keay'*s Rule and Tables makes the Content to be*

F.	Qu.	In.
27	3	48

which is 9 Feet ½ *too much*, or 9s. 6d. in 27 s. *too much*.

EXAMPLE IV.

There's a Piece of Timber 40 *Feet* long, *but the* Sides unequal; one *Side is* 3 *Inches*, *and the* other *Side* 18 *Inches*. *What is the ſolid Content?*

Having reduced the *Sides* (*by the Table of unequal-ſided Timber*) to a *Square*, it appears to be 7 Inches, 1 Quarter. Then

At the *Top* of the Table of *ſolid Meaſure*, find 7 ¼, the *Side of the Square*, and *againſt* 40 Feet long, in the *left Hand* Column, ſtands the *Content*, *viz.* 14 Feet, 7 Inches, and 2 Twelfth Parts.

Note, *Had this Example been reſolved by* Keay'*s Tables, and the* RULE *he lays down for the meaſuring* unequal-ſided *Timber*; *the* Anſwer, *inſtead of being* 14 *Feet*, 7 *Inches*, *would have been* 30 *Feet and an Half*, which is 16 Feet too much.

☞ When a Piece of Timber to be meaſured happens to have any *odd Parts of a Foot* in the *Length*, as

Ex-

EXAMPLE V.

Suppoſe a Piece of Timber to be 48 *Inches* ſquare, *and* 22 *Feet* ½ long. *What is the* ſolid Content?

Seek in the Table of *ſolid Meaſure*, for 48 Inches, *the Side of the Square*, and 22 Feet, *the Length*, which ſet down; then find the ½ *Inch* at the *Bottom* of the Table, and ſet that down; *add* theſe together, and you have *the Content*, viz.

	Ft.	In.	Pa.
22 Feet *long* is —	352	0	0
½ a Foot *long* is —	8	0	0
The Content required	360	0	0

N. B. *Except the* Timber *be* ſo large, *as to carry a* Square *of* 30 *Inches, the* Half Foot, *or* Quarters *are ſeldom regarded.*

Though it is ſeldom (or never) like to happen *in Practice*, yet we will ſuppoſe you have Occaſion to meaſure a Piece of *Timber*, or *Stone*, whoſe *Side of the Square* is *above* 54 Inches (or *a Yard* and *Half*) which is the *largeſt Square* in this Table.

EXAMPLE VI.

You have a Piece of Timber whoſe Side of the Square is 76 *Inches, and the* Length 37 *Feet. What is the* Content?

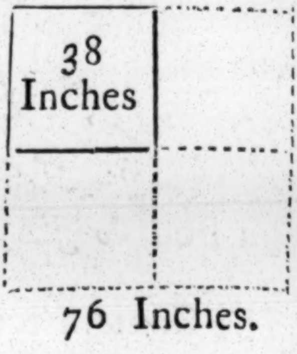
Since you cannot find 76 *Inches* the *Side of the Square* in the Table, take HALF *of it*, which is 38; find 38, the *Side*

of

of the Square, and *over-againſt* 37 Feet the Length, is 371 : 0 : 4, which ſet down *Four* Times*, and *added* together gives the *Content* of the *whole Piece* (of 76 Inches ſquare, and 37 Feet long) *viz.* 1484 Feet 1 Inch, and 4 Twelfth Parts of an Inch.

F.	I.	P.
371	0	4
371	0	4
371	0	4
371	0	4
1484	1	4

* Becauſe that HALF is but One *Quarter* of the *End* of the Piece thus:



Of HEWN TIMBER.

N. B. It is cuſtomary, when *hewn* Timber is to be meaſured, to make Uſe of a large Pair of *Callipers*, to meaſure the *Thickneſs*, or *Diameter*, of the Piece in *the Middle*, between both Ends (*where* in Caſe it were *tapering* Timber, one would *girt it*) which *Thickneſs* or *Diameter*, is uſually taken for the Side *of the Square*, the Piece will carry throughout: But this Method is ſometimes objected to, becauſe, all the *Cants*, or *Angular Parts*, that are wanting, to make the Piece perfectly ſquare, are meaſured in, and accounted for (though not there) as ſo much real Timber: And this Objection carries ſtill a greater Weight, when only a *ſmall Skirting* is hewn off from the *four oppoſite* Sides, whereby the Piece becomes rather *Octangulur*, or *Eight-ſided*, than *Square*; but to all this it is uſually replied, that before the Piece is *hewn* to a *Square*, there is a Waſte in the *Chips* and *Slabs*, which are only uſeful for the Fire, and that the *Expence* of hewing, *&c.* is more than the *Chips*, &c. are worth.

To meaſure round *Timber that is* NOT Tapering.

1. WITH a *Rule* meaſure the *Length* of the Piece in *Feet* (and *Quarters* of a *Foot*, if neceſſary) and ſet it down in your *Memorandum*-Book; then reduce it to *ſquare* Timber thus:

2. With a *Chalk-Line*, or *Pack-thread*, gird the *Piece* in any Place; then *double* the Line *twice*, and you have *one Fourth* of the *Girt*, for the *Side of the Square*, which you muſt exactly meaſure upon your Rule, and ſet down in *Inches*, and *Quarters* of an *Inch*. Having thus reduced the *round* Timber to *ſquare* Timber,

3. Look at the *Top* of the Table of *ſolid Meaſure*, for the *Side of the Square*, equal to $\frac{1}{4}$ of *the Girt*, and keep your Eye down the *left Hand* Column, till you find the *Length* of the Piece in *Feet*, and *over-againſt* it, ſtands the *Content* of the *Piece* ſought, in *ſolid* Feet, Inches, and *Twelfth Parts* of an Inch.

EXAMPLE.

Let the Length *of a Piece of* round *Timber be* 45 *Feet, and* the Girt 44 *Inches*; one Fourth *of which is* 11 *Inches: I demand how much Timber this Piece contains?*

At the *Top* of the Table of *ſolid* Meaſure, find 11 Inches, *the*

the Side of the Square (which *is equal* to *one Fourth* of the *Girt*) and in the *left Hand* Column, againſt 45 (*the Length* of the Piece *in Feet*) ſtands 37 : 9 : 9: that is 37 *Feet*, 9 *Inches*, and 9 *Twelfth Parts* (or $\frac{3}{4}$) of *an Inch*; which is the *ſolid* Quantity of Timber the Tree contains.

To meaſure Tapering *Timber.*

TApering *Timber*, is Timber that is *ſmaller* at *one End* than *the other*, as *Fig.* 3, and conſequently, it will not carry the *ſame* Square *from End to End*, throughout the whole Piece: when you have found what *Square* the Tree will carry *throughout*, by taking *one Fourth* of the *Girt* (as you were taught on *Page* xxxi) you muſt proceed *exactly* as in the Caſe of *round Timber*, already taught.

To find what *Square* a Tree will carry *throughout*; the *Shape*, or *Figure*, of the Tree, ſhould be very carefully obſerved; and if the *Sides* of the Tree are *ſtrait*, from *End* to *End*, as *Fig.* 3, then it may *be girt*, and the *Square* taken in the *Middle*, from the *Butt-end* and *Top*, as is the common Practice amongſt Workmen: or you obſerve this

RULE.

Take *One Fourth* of the *Girt* at *each of the Ends*; *add* them together, and take *Half* of that *Sum* for the *Side of the Square*, which

which the tree will carry *throughout*; as you will find exemplified in *Example* III. *Page* xxvii.

N. B. If the Tree does not *taper* gradually, but is *unequally* thick, then you may *girt* it *oftener*; always remembering to *divide* the Sum total of the ſeveral *fourth Parts* of the *Girt*, by the *Number of Times* the Piece was *girded*, and it gives *the Side of the Square* the Tree will carry throughout.

☞ If you have any *odd Parts of a Foot*, in the *Length* of a Tree, you are to proceed as directed in the Caſe of *ſquare Timber*, having *odd Parts* in the *Length*. See *Page* xxix.

EXAMPLE I.

Let the Circumference *of a Tree, or Piece of* round *Timber* (*found by* girding *it*) *be* 36 Inches, one Quarter of which is nine Inches, the Side of the Square, *and let the* Length *of the* Piece *be* 40 *Feet. What* Quantity *of Timber is in this Piece?*

Find 9 Inches, *the Side of the Square*, and *over againſt* 40 Feet, ſtands 22 *Feet*, 6 *Inches*, which is the *Quantity* of Timber contained in a *Piece* that is 40 Feet long, and 36 Inches *round*.

EXAMPLE II.

Let the Girt *of a Peace of Timber be* 75 *Inches*, $\frac{1}{4}$ *thereof is* 18 $\frac{3}{4}$, *for* the Side of the Square, *and let the* Length *of the Piece be* 45 *Feet: How much* ſolid *Timber does this Piece contain?*

Find 18 Inches $\frac{3}{4}$ *the Side of the Square*, and *over-againſt* 45

Feet, the *Length* of the Piece, ſtands the *ſolid Content*, viz. 109 Feet, 10 Inches, and 4 Twelfth Parts, or $\frac{1}{3}$ of an Inch.

EXAMPLE III.

Suppoſe that at the largeſt End *of a Tree*, $\frac{1}{4}$ *of the* Girt (*or* Side of the Square) *is* 50 *Inches*, *and at the* ſmaller End *but* 30 *Inches*, *and let the* Length *of the Tree be* 25 *Feet: What* Quantity *of* ſolid *Timber does that Tree contain?*

	Inches
The *Side of the Square*, at the *larger End is*	— 50
The *Side of the Square*, at the *ſmaller End is*	— 30
The Sum ——	80

Half the Sum is 40 Inches, and that is the *Side of the Square*, which the Tree will carry *throughout*. Having *thus* obtained the *Side of the Square*, look at the *Top* of the Table of *ſolid Meaſure*, for 40 Inches, and in the *left Hand* Column, for 25 Feet (the *Length*) and *over-againſt* it ſtands 277 Feet, 9 Inches, and 4 Twelfth Parts (or $\frac{1}{3}$ of an Inch) which is the *Quantity* of *Solid Timber* the Tree contains.

☞ If you ſhould ever have Occaſion to meaſure a Tree whoſe *Side is more than* 54 Inches, you muſt proceed as directed in the Caſe of *ſquare Timber*, when the Square is *more* than 54 Inches. See Page xxix.

But *Note*, If a Tree ſhould be *Rounding* or *Bulging* out (as *Fig.* 4.) ſo that towards the *Middle*, it may be as large, or near it, as at the *Bottom*, then it muſt be meaſured *at twice* (which Workmen call *Joggling* the Piece) *viz.* The *Length*, A D, that continues of one and the ſame *Bigneſs*, or near it, *ſingly* by itſelf; and ſo alſo muſt the *Remainder*, D B; and their Quantities *added* together, will be *the Content* of the whole Tree.

Now had this Tree (*Fig.* 4.) been meaſured *at once* (or by *one* Dimenſion) as *Fig.* 3. then *its Girt* would have been taken at F, where it is very ſmall, and all the *extraordinary* Thickneſs, *a. a.* quite round about the ſmall Body D B, would have been *loſt* in the Meaſure. And,

For this Reaſon, thoſe who are to meaſure Timber, ſhould be very cautious how they agree (before they begin to meaſure) *that let the* MIDDLE *of Pieces of Timber fall out how they will,* Great *or* Small, *their* Girt *ſhould be taken* THERE. Becauſe, where one Tree is *largeſt* (or its *mean Thickneſs* in the *Middle*) there are *Nine* or *Ten* that are leſs; and when their *Girts* are taken at their *Middle*, from *each End* (it is plain) they cannot fail of looſing many *Loads* in a large Quantity of Timber.

N. B. If the Tree is *crooked*, the *Length* is not to be taken on either the *Concave* (or hollow) or *Convex*, (or OUT-arching) Side.

N. B. It is a *cuſtomary* Allowance to *the Buyer*, to take the GIRT *where he pleaſes*, between the *greater End* and the *Middle* of the Tree.

N. B. *Branches* or *Boughs* meaſuring *two Feet* in Compaſs; (or 6 Inches for ¼ of the *Girt*) are reckoned as *Timber*, and their *Content* is to be found, and added to that of the Tree.

Note, So much of *the Trunk* as meaſures *leſs* than *two Feet* in compaſs (or 6 Inches for ¼ of the *Girt*) is not admitted to be *Timber*.

Of making an Allowance *for the* BARK.

IN meaſuring Trees that have their *Bark* on, for Sale, it is common to make an *Allowance* to the Buyer, on Account of the *Bark*, thus; in *Oak* $\frac{1}{10}$ or $\frac{1}{12}$ Part of the Circumference is deducted; but the *Allowance* for the Bark of *Elm*, *Beech*, *Aſh*, &c. ſhould be leſs: —— *Some* Meaſurers inſiſt on *one Inch* out of *one Fourth* of *the whole Girt* for it, viz. If $\frac{1}{4}$ of the *Girt* is found to be 9 *Inches*, then 1 *Inch* is *abated*, and $\frac{1}{4}$ of the *Girt* is reckoned at 8 *Inches* only. —— *Others* ſay, That if it is an *old thick-barked* Tree, *one Inch* muſt be abated in a *fourth Part* of the *Girt* for the *Bark*; but in *young growing* Timber, *Half an Inch* may be ſufficient, as every Practitioner will eaſily judge. *This Deduction* being made, is ſuppoſed to reduce the Compaſs to that which the Tree will have, when the Bark is ſtripped off. Therefore obſerve this

RULE. From the given *Circumference*, Subtract the *Allowance* for *Bark*; and with *the remaining* Compaſs, find the *ſolid* Content, as already taught.

Of meaſuring Timber that is Standing.

IN meaſuring Timber *ſtanding*, it is ſufficient if you have a very long Pole, divided into *Feet* only, (be-

(beſide a Pocket Foot-Rule, divided into *Inches*) and a Ladder to get up with readily, to meaſure the *Girt* of the Tree, at the *middle* height, to which it runs Timber; *i. e.* as far as it will carry a *Square* of 6 Inches, or will Meaſure 24 Inches *round*, and then you proceed to find *the Contents*, as already *taught*.

I have known a Steward who, at his firſt entering into Buſineſs, was ſo exact as to take an Account of every *Single* Timber-Tree, as well as others likely to become Timber, in all the Woods within his Maſter's ſeveral Manors: And he effectually did this to the greateſt Advantage, by having a Book ruled with proper Columns, in the following Order.

I. To inſert *the fourth Part of the Girt of each Tree, in Inches.*

II. *The Length of each Tree, in Feet.*

III. *The Number of ſolid Feet in each Tree.*

IV. *The Value* per *Foot that each Tree is worth, according to its Dimenſions and Goodneſs.*

V. *The Value of the Body of each Tree, in Proportion to the aforeſaid Price.*

VI *The Value of the* HEAD *of each Tree.*

VII. *The Value of the* BARK *of each* OAK-*tree*, [which generally holds to be about *a third Part* of the Value of the BODY and HEAD.] And,

VIII. A

VIII. A Column for *the Value* of *the* BODY, *the* HEAD, *and* BARK, ADDED together.

A Book, put into this Method, can never fail of giving great Satisfaction to a Maſter, who has then ſomething to depend upon whenever his Neceſſities, or his Inclinations may call for a *certain* Sum of Money. However, after a Sale, the Book muſt be altered, and ſuch Trees ſtruck out of it, as are felled.

When an Account is taken of the ſeveral *Timber-trees* (in the Manner I have mentioned) they ſhould be *numbered* with *Iron-ſtamps*, made on Purpoſe: Only before the Stamp is applied, the *rough* Part of the Bark ſhould be taken off with a Hatchet, that the Impreſſion may be made eaſy and viſible: And, to make it *laſting*, the Stamp ſhould not go *deeper* than *the Bark*; becauſe, in ſuch Caſe the *Number* will ſoon grow up; but otherwiſe it may laſt ſeveral Years by renewing, which is no undeſirable Circumſtance.

THE foregoing Examples, with what has already been ſaid, are ſufficient to make the Buſineſs of meaſuring, both *ſquare* and *round* TIMBER, STONE, *&c.* eaſy to *common Capacities.* However (for *Practice Sake*) I ſhall ſuppoſe the Learner was to meaſure 10 *Trees*, or *Pieces* of Timber.

Let

Let him ſet down their *Numbers* and *Dimenſions* as in the following Columns, and then find their *Contents* as already taught, and ſet that down *againſt each Tree*, as under,

No Trees.	Side ſquare Inches.	Length Feet.	By this *New* Method.			By KEAY.			By DARLING.
			Feet	In.	Pa.	F.	Qrs.	In.	Feet, and 10000 Parts.
1	9	10	5	7	6	5	2	216	5.6250
2	10½	14	10	8	7	10	2	378	10.7187
3	15	11	17	2	3	17	0	324	17.1875
4	20½	16	46	8	4	46	2	336	46.6944
5	16	24	42	8	0	42	2	288	42.6666
6	16	23	40	10	8	40	3	240	40.8888
7	36	18	162	0	0	162	0	000	162.0000
8	26	28	131	5	4	131	1	336	131.4442
9	31	17	113	5	5	113	1	348	113.4513
10	35	30	255	2	6	255	0	360	255.2083
		Total	825	10	7	825	3	234	825.8848

Beſides the *Contents* given by this *new* Method, I have likewiſe ſet down the *Contents* of *each* Tree as given by *Keay* and *Darling*, to ſhew

ſhew that the Method is more *intelligible*, and *better ſuited* to *common Capacities*, than either of theirs. Theſe *Twelfth Parts* of an Inch are *eaſily* caſt up, and *readily* underſtood; for here you have nothing more to do than *to carry* 1 to the *Inches* for every 12 in the *Parts*, and 1 to the *Feet* for every 12 in the *Inches*: Whereas by *Keay*'s Method, you muſt carry 1 to the *Quarters* for every 432 in the *Inches*, and 1 to the *Feet* for every 4 in the *Quarters*; and by *Darling*'s Method you muſt carry 1 to the *Feet* for every 10000 in the *Parts*. Both which Number of 432 *Inches* and 10000 *Parts of a Foot* are very *difficult* to conceive, and, conſequently, very *troubleſome* and *perplexing* to every Man that is not verſed in *Decimal Arithmetic* and *Menſuration*.

Of Reducing Timber to Loads.

N. B. Meaſurers and Workmen, reckon 40 Feet of *unhewn*, or *rough Timber*, and 50 Feet of *hewn Timber*, to a Load, ſuppoſed to weigh a Ton, or 20 hundred Weight: For, *hewn Timber* is meaſured by the Square, but *rough Timber* by the *Girt*, (or *quarter* Compaſs) therefore, in the buying of Timber, it amounts to much the ſame, whether it be meaſured by the *Girt*, at 40 Feet ſolid to a Load; or meaſured by the *Square*, at 50 Feet to a Load. Therefore,

When Timber is to be reduced to Loads, *divide* the Feet, in *rough*, or *unhewn* Timber, by 40, and it gives the *Loads*. Or,

Divide the Feet in *hewn* Timber, by 50, and it gives the *Loads*.

Some

Some curious *Obſervations concerning meaſuring Timber, by* ſeveral Dimenſions.

Communicated by one of his Majeſty's Purveyors.

Of meaſuring Fig 5, [*facing* Page xi.] *by* one *Dimenſion, and alſo by* three *Dimenſions*, &c.

The whole *Length* A G, *by* one *Dimenſion.*

NOW let us well conſider, *Fig*. 5, intended to repreſent a Piece of Timber, that is 24 *Feet long* ; and the *Girt* at the *Butt end* A, 8 Feet, *one Fourth* of which is 24 Inches ; and the *Girt* at the *Top* G, 12 Inches, *one Fourth* of which is 3 Inches ; and (as the *Sides* are ſuppoſed to be *nearly ſtrait*) the *Girt* in the *Middle* at D, 54 Inches ; *one Fourth* of which is 13 ½ Inches : Now look into the Table of *ſolid* Meaſure for 13 ½ Inches *the Side*, and 24 Feet *the Length*, and you will find the *Content* of *this Piece* to be 30 F. 4 I. 6 P. (*viz*. 30 Feet, 4 Inches, and 6 *twelfth* Parts, which 6 *twelfth* Parts, are *equal* to half an Inch) when meaſured by *one* Dimenſion.

Of the Length A E, *by* one *Dimenſion* ; *which is but* Two-thirds *of the* Length AG.

Having as *above* found the *Content* of *the Whole* A G, by *one* Dimenſion, to be 30 Feet, 4 Inches, 6 Parts :

6 Parts: Let us now try what *this* Piece A E will produce, when meaſured by *one* Dimenſion; we then having only a Length of 16 Feet, *viz.* from A to E, (inſtead of 24 Feet, from A to G, as before;) and that *one Fourth* of the *Girt* in the *Middle* at C, is 17 Inches: Now if you look in the Table of *ſolid* Meaſure (for 17 Inches *the Side of the Square* at C, and 16 Feet *the Length*) you will find *this* Piece A E, to contain 32 Feet, 1 Inch, 4 Parts of Timber; notwithſtanding 8 Feet at *the Top*, from E to G, is cut off and is not taken the leaſt Notice of: whereas when this *Top* was left on, the *Whole*, from A to G, meaſured but 30 Feet, 4 Inches, 6 Parts, ſo that by cutting off and rejecting 8 *Feet* at *the Top*, we gain near 2 *Feet* of Timber.

N. B. *The* Content *of this Piece* A E, *we had not room to ſpecify in the Copper plate facing* Page xi.

The whole *Length by* three *Dimenſions.*

NOW let us conſider *Fig.* 5, intended to repreſent a Piece of Timber that is 24 Feet *long*, and the *Girt* at the *Butt end* A, 8 Feet, *one Fourth* of which is 24 Inches; and the *Girt* at the *Top* G, 12 Inches; *one Fourth* of which is 3 Inches; and, (as the *Sides* are ſuppoſed to be *nearly ſtrait*) and the *Girt* in the *Middle* at D, 54 Inches; *one Fourth* of which is 13½ Inches: Now look into

into the Table of *ſolid* Meaſure for 13 ½ Inches *the Side of the Square*, and 24 Feet *the Length*; and you will find the *Contents* of *this Piece* to be 30 Feet, 4 Inches, 6 Parts, when meaſured by *one* Dimenſion.

Having thus found the *Content* of A G by *one* Dimenſion, to be 30 Feet, 4 Inches, 6 Parts; let us now proceed to ſee what *it* will *produce*, when it is cut into *three* equal *Lengths*, and meaſured by *three* Dimenſions, as deſcribed in *Fig.* 5, *viz.*

FIRST, the Piece A C, whoſe *Length* is 8 Feet; and the *Girt* at the *Butt-end* A, 8 Feet, *one Fourth* of which is 24 Inches; and the *Girt* at the *Top* C, 5 Feet 8 Inches, *one Fourth* of which is 17 Inches; and the *Girt* in the *Middle* at B, 6 Feet 10 Inches, *one Fourth* of which is 20 ½ Inches: Now look in the Table of *Solid* Meaſure for 20 ½ Inches *the Side of the Square*, and 8 Feet *the Length*, and you will find the *Content* of *this Piece* A C, to be 23 Feet, 4 Inches, which is only 7 *Feet leſs* than the *Whole* A G (24 Feet) when meaſured *together*; ſo that by cutting off 16 Feet at the *Top* from C to G, which is no leſs than *two Thirds* of the *whole Length*, you do not loſe quite 7 *ſolid* Feet of Timber.

SECONDLY, the Piece C E whoſe *Length* is *alſo* 8 Feet; and the *Girt* at the *Butt end* C, 5 Feet 8 Inches, *one Fourth* of which is

17 Inches; and the *Girt* at the *Top* E, 40 Inches, *one Fourth* of which is 10 Inches; and the Girt in *the Middle* at D, 4 Feet, 6 Inches, *one Fourth* of which is 13½ Inches: Now look in the Table of *Solid* Meaſure, for 13½ Inches the *Side of the Square*, and 8 Feet *the Length*, and you will find *the Content* of this Piece C E to be 10 Feet, 1 Inch, 6 Parts.

THIRDLY, the Piece E G, whoſe *Length* is *likewiſe* 8 Feet; and the *Girt* at the *Butt-end* E, 40 Inches, *one Fourth* of which is 10 Inches; and the *Girt* at the *Top* G, 12 Inches, *one Fourth* of which is 3 Inches; and the *Girt* in the *Middle* at F, 26 Inches, *one Fourth* of which is 6½ Inches: Now look in the Table of *Solid* Meaſure for 6½ Inches the *Side of the Square*, and 8 Feet the *Length*, and you will find the *Content* of this Piece E G, to be 2 Feet, 4 Inches, 2 Parts.

Having thus meaſured *the Whole* from A to G, by *three* Dimenſions; let us proceed:

Of meaſuring Part of Fig. 5, *viz. from* C *to* G, *by* one *Dimenſion, alſo by* two *Dimenſions.*

By one *Dimenſion.*

NOW let us ſuppoſe 8 Feet, to be cut off, at the BUTT-END; *viz.* from A to C, and let us proceed to meaſure the *Remainder* C G: Look into the Table of *Solid* Meaſure (for 10 Inches the *Side of the Square* at E, and 16 Feet the *Length*) and you will find the *Whole* contains 11 Feet, 1 Inch, 4 Parts; which 4 Parts are *equal* to *one Third* of an *Inch*.

By two *Dimenſions.*

LET us now ſuppoſe it cut in two in the *Middle* at E; and meaſure each Part by itſelf. *Firſt* C E: Now look in the Table of *Solid* Meaſure for 13½ Inches the *Side of the Square* at D, and 8 Feet the *Length*, and you will find C E to contain 10 Feet, 1 Inch, 6 Parts.

LET us now meaſure the Piece EG: Look in the Table of *Solid* Meaſure for 6½ Inches the *Side of the Square* at F, and 8 Feet the *Length*, and you will find E G to contain 2 Feet, 4 Inches, 2 Parts; ſo that you ſee, the *Whole* of C G, meaſures to *one* ſolid Foot and a *Half* MORE, when it is meaſured at *twice*, than it did when it was meaſured at *one* Dimenſion.

Some *uſeful* Obſervations, drawn from the *foregoing* Methods of meaſuring *Fig*. 5.

THIS Piece of Timber (*Fig*. 5.) and the above Manner of meaſuring it, if well conſidered, ſhew the *Imprudence* of thoſe *Sellers*, who, (thinking it may be an Advantage to them) leave the Pieces with their long taper Tops on to a great Length, whereby *the Girt* comes to be taken in a much *ſmaller* Part of the Tree than it ought,

ought, or would have been, if the *Top* had been *cut off*. And it may likewiſe ſerve to ſhew the *Advantage* there is of *buying in*, ſuch a Piece of Timber, of 24 Feet long, meaſured by *one* Dimenſion, and of *ſelling* it out again by *three* Dimenſions, after it is cut into *three* Pieces, or *Lengths*, of 8 Feet *each**.

And here it may be farther worth obſerving, that though in *Fig.* 5, the Sides of the Tree are ſuppoſed to be *nearly ſtrait*, from the *Butt* to the *Top*, *viz.* from A to G, yet this very rarely happens to be the Caſe; for on the contrary moſt Trees hold *an equal* Thickneſs (or near it) many Feet *upwards* from the *Butt*, and conſequently meaſure *much more* than when they *taper*, or diminiſh *gradually* from the *Butt* to *near* the *Top*, as *Fig.* 5. is here ſuppoſed to do.

---

	l.	*s.*	*d.*
* Look in the *Copper-plate* facing *Page* xi and you'll ſee that *Fig.* 5, meaſured by *three* Dimenſions, meaſures to 35 *ſolid* Feet and $\frac{3}{4}$, which at 12 *d.* per *Foot*, comes to ——	1	15	9
But meaſured by *one* Dimenſion, it meaſures *no more* than 30 *ſolid* Feet and a $\frac{1}{4}$, and at 12*d.* per *Foot*, comes to ——	1	10	3
So that this Piece of Timber, *Fig.* 5, though it is bought in, and ſold out, at *the ſame Price*, per *Foot*; and by *the very ſame* Method of meaſuring; yet there is 5*s.* 6*d.* *gained* by cutting it into *three* Lengths, of 8 Feet *each*	0	5	6

N. B. *For want of Room*, Fig. 5, *is not drawn in* Scale.

The

The TABLE of *Solid* Meaſure applied to the *Freighting* of SHIPS, *&c.*

THE following Table of *ſolid* Meaſure (*beginning* Page 23 and *ending* Page 128, and) which is particularly explained on *Page* xxv, *&c.* having been made uſe of, for many Years paſt, by ſeveral judicious Merchants for the expeditious aſcertaining the *Value* of the *Carriage* of Goods which pay *Freight* by the *ſolid* Foot: and the Table being as well adapted for *the freighting* of *Ships* as for the *valuing* of *Timber*, I have, to this New Edition, added the following Directions, for the Benefit of thoſe who would apply it to the *freighting* of *Ships*: And *they* are ſuch as I think ought to prevail: But ſo long as ſome Meaſurers will be for taking the *Dimenſions*, and valuing their *Amount*, NEARER than others, there will always be room for Diſputes. See *Fig.* 6, in the Copper-plate, facing *Page* xi.

☞ 'Tis ſaid, 'tis uſual to make an *Abatement* of $\frac{1}{5}$ upon the Admeaſurement of the Package of *coarſe* Goods.

To find how many ſolid *Feet* [*in order to aſcertain* the Freight] *are contained in any* Caſe, Bale, Caſk, *&c.* i. e. *how many* ſolid *Feet they will take up in a* Ship.

OBſerve *that* Goods paying *Freight* by the *ſolid* Foot, are commonly *pack'd* up in

1. *Caſes*, *Cheſts*, or *Trunks.*
2. *Bales*, *Truſſes*, or *Bundles.*
3. *Casks*, *Vats*, or *Fats.*

And their *Contents* are *all* found by *one* and *the ſame* Method; *viz.* taking the *Length* and *girting* them, Thus:

1. With *a Rule* meaſure the *Length* of the *Package*, and write it down *in Feet and Inches*, in your Memorandum-Book; having done this, then you are to reduce the *Package* to *a Square*, which is *immediately* done thus,

2. With *a Line*, or Packthread, *gird the Package*; then *double* the *Line* together TWICE, and you have *one Fourth* of *the Girt* (for the *Side* of the *Square*) which meaſure upon your *Rule*, and write it down in *Inches* and *Quarters* of an *Inch.* Having thus reduced the *Package* to a *Square*; then,

3. Look at *the Top* of the Table of *ſolid* Meaſure for *the Side* of *the Square*, (which is *equal* to ¼ of the *Girt*) and keep your Eye down the *left Hand* Column 'till you find the *Length* of the Package in *Feet*; and over againſt that ſtands how many *ſolid* Feet, *Inches* and *12th Parts* it contains: But theſe *12th Parts*, and *the Inches*, are *uſually* rejected, unleſs they amount to *Half* a Foot.

Ex-

EXAMPLE I.

Let the *Length* of a *Caſe*, *Cheſt* or *Trunk* be 36 Inches, (which is equal to 3 *Feet*) and the *Girt* 96 Inches, ($\frac{1}{4}$ of which is 24 *Inches*;) I demand how many *ſolid* Feet ſuch a *Caſe*, &c. contains?

At the *Top* of the Table find 24 Inches, *the Side*, (equal to $\frac{1}{4}$ of the *Girt* of 96 Inches) then keep your Eye down the *left Hand* Column, and againſt 3 *Feet*, the *Length*, (which is equal to 36 *Inches*) you have 12 *Feet*, and ſo many *ſolid* Feet you are to pay Freight for, at *the Price* agreed upon.

☞ When you cannot find the *exact Length* of the *Package* in the Table *at once*, you are to take it out *at twice*, as in the following *Example*.

EXAMPLE II.

Let the *Length* of a *Caſe*, &c. be 54 Inches, (which is equal to 4 *Feet* and *an Half*) and the *Girt* 152 Inches ($\frac{1}{4}$ of which is 38 *Inches*) I demand how many *ſolid* Feet the *Caſe* contains?

At the *Top* of the Table find 38 Inches, *the Side* (equal to $\frac{1}{4}$ of the *Girt* of 152 Inches) then keep your Eye down the *left Hand* Column, and againſt 4 *Feet*, the *Length* is 40 : 1 : 4, which write down, and at the *Bottom* of the Table againſt $\frac{1}{2}$ a *Foot*, the *Length*, is 5 : 0 : 2, then *add* theſe together, and they make 45 *Feet*, 1 *Inch*,

Inch, and 6 *12th Parts*; which 6 12th Parts are *equal* to *Half* an Inch, and ſo many *ſolid* Feet you are to pay *Freight* for, at *the Price* agreed upon.

F.	In	P.
40	1	4
5	0	2
45	1	6

☞ When you have any *Inches* in the *Length* LESS than ¼, ½, or ¾ of a *Foot*, you are to proceed as in the following *Example*.

EXAMPLE III.

Let the *Length* of a *Caſe*, &c. be 62 Inches, (which is equal to 5 *Feet* 2 *Inches*) and the *Girt* 122 Inches, (¼ of which is 30½ *Inches*) I demand how many *ſolid* Feet the *Caſe* contains?

At the *Top* of the Table find 30½ Inches, *the Side of the Square*, (equal to ¼ of the *Girt* of 122 Inches) then keep your Eye down the *left Hand* Column, and againſt 5 *Feet* ſtands —— which write down THEN for the 2 *Inches*: I conſider that 2 *Inches* is 2 *Thirds* of ¼ of a *Foot*, and at the *Bottom* of the Table I find, againſt ¼ of a *Foot*, 1 *Foot*, 7 *Inches*, 4 12*th Parts*, and 6 *Seconds* (but the 12th Parts and Seconds may be *rejected*.) Now ⅔ of 1 *Foot* is 8 *Inches*, and ⅔ of 7 *Inches* is 2 *Inches*,

F.	In.	P.
32	03	07
0	10	04
33	01	11

Inches, $\frac{1}{3}$, which I write down alſo; and then *add* them together, and find they make 33 *Feet*, 1 *Inch*, and 11 12th *Parts* of an *Inch*; and ſo many *ſolid* Feet you are to pay Freight for, at *the Price* agreed upon.

☞ When CASES *Taper*, and are *ſmaller* at one *End* than the other; to reduce them to *a Square* you muſt *girt* them in the *Middle* from *each* End: OR you may find $\frac{1}{4}$ of the *Girt* at *each* End, and *add* them together, and take *Half* of it for the *Side of the Square*, and work as in the foregoing *Examples*.

Of BALES, TRUSSES, *&c.*

THE *ſolid* Feet in any *Bale*, *Truſs*, or *Bundle*, are found by taking their *Length*, and reducing them to a *Square* by *girting* them, as in the 3 foregoing *Examples*; PROVIDED they are *as large* at one *End* as the *other*: But in caſe they ſhould *Taper* and be *ſmaller* at one *End* than the other, then they are to be *girt* in *the Middle* from *each* End; and taking $\frac{1}{4}$ of the *Girt* (for the Side of the *Square*) proceed to find the *ſolid* Feet, as *already* taught for *Caſes*; and as *following* for *Casks*.

Of CASKS, FATS OR VATS.

THE *ſolid* Feet in any *Caſk* or *Fat* are found by taking their *Length*, and reducing them to *a Square*, by *girting* them as *Caſes*, *Bales*, &c. PROVIDED they are *ſtrait*-ſided: But if they are *ſmaller* at the *Ends* than in the

Middle, then you muſt *girt* them at the *Midway* between the *Middle* and *End* of the *Staves*, and take $\frac{1}{4}$ of the *Girt* for the *Side* of the *Square*: OR you may find $\frac{1}{4}$ of the *Girt* in the *Middle*, and alſo at the *End*, and *add* them together, and take *Half* of it for the *Side* of the *Square*, and proceed as in the foregoing EXAMPLES of *Caſes*, *Cheſts*, and *Trunks*.

☞ In taking the *Length* of a *bulging* Caſk with a *Line*, without ſome Care you may take it *too long*: For though a *ſtrait* ſided Caſk and a *bulging* Caſk, when STANDING on their *End*, may be of the ſame *Height*, yet if the LENGTH is taken with *a Line* when they are LYING, the *bulging* Caſk will be apt to meaſure *longer* than the *ſtrait*-ſided one, which ſhould be guarded againſt. And where the *Hoops* riſe *higher* than the *Middle*, or *bulging* Part of the Caſk, the *Girt* ought to be taken OVER the *wideſt* HOOP: And it is uſual for the *Ship*'s Meaſurer to endeavour, on all Occaſions, to obtain the *largeſt Girt*. ☞ 'Tis ſaid ſome *girt* the Caſks in the *Middle*, and *abate* $\frac{1}{3}$ for their *Tapering*.

☞ In taking the *Length* and *Girt* of *Caſes*, *Cheſts*, *Trunks*, &c. when they are *ſtrengthened* or *ſecured* with *Battens*: OR where there is *any thing* that *any how* hinders other *Square* Goods from lying cloſe by them; *that* which ſo hinders their lying cloſe is to be *meaſured* IN *and paid for*, as if the *Length* and *Girt* had been *every where* as large as in thoſe particular Places; by reaſon it occaſions ſo much *Loſs* in the *Stowage* of the SHIP.

One of our greateſt *Copperſmiths*, for making large *Stills*, *Coppers*, *Boilers*, &c. for EXPORTATION, informs me, That it is uſual *to aſcertain* the *Freight* of them, by taking the greateſt EXTERNAL *Diameter*, even to the *Outſide* of the *Nails*;

if a larger EXTERNAL *Diameter* cannot be obtained *elſewhere*; and then to pay *Freight*, as if the *Still*, *Copper*, &c. were a *ſtrait ſided* SQUARE. [*See* the Copper-Plate facing *Page* xi. *Fig.* 6.] And when this is the Caſe, you pay for the *white Corners, or Spaces, &c.* of the SQUARE, *every where*, which the *Still*, *Copper*, *&c.* never occupies any Part of: This ſeems ſevere, as ſeveral Things may be ſtowed in thoſe *white Corners, or Spaces, &c.* He *alſo* ſays, the EXPORTER has the Liberty of filling the *Stills*, *Coppers*, *&c.* with *Corn*, or what elſe he pleaſes.

THE

THE EXPLANATION AND USE Of the Four following TABLES For finding

The Value, *per Foot* Cube, of *Timber*, *Stone*, &c. cut to any *Size* or *Scantling*.

Beginning on *Page* 130, and ending on *Page* 137.

THO' theſe Tables are Four in Number, yet being all of *the ſame Nature*, and only differing *in Price*, if I explain and ſhew the Uſe of One, *the other Three* will be underſtood of Courſe. And whoever underſtands the Uſe of the Table of *unequal ſided Timber* on *Page* 2, can need very little Inſtruction to underſtand *theſe*; which are *much* of the ſame Nature.

I. At *the Beginning* of the *Table* at 1 *s.* 6 *d.* (or 18 *d.*) *per Foot* Cube (on *Page* 130) *betwixt* two *parallel* Lines ſtands 2 *Inch. Sqr.* which is the *Thickneſs* of the Lesser *Side* of the Piece you would find *the Value of*; and *under* the ſaid parallel Lines are *Three* Rows of *Figures:* In that Column to the

the *Left hand*, divided from *the other Two* by a *Black Line*, is the *Breadth* or LARGER *Side* of the Piece *to be valued*.

N. B. The *little* Figures of 2 in the ſaid *Left Hand Column*, which ſtand betwixt the *Larger Figures* 2, 3, 4, 5, &c. ſignify *Two* Quarters or *Half* an Inch.

II. The *Second* and *Third* Rows of Figures (which ſtand *againſt* the ſeveral *Breadths* or *Larger Sides* in the *firſt Column*) ſhew the *Value* of ONE *Foot in Length* in *Pence* and the *Eighth Part* of a *Penny*.

N B. In the *Tables* at 1*s.* 6*d.* 2*s.* and 2*s.* 6*d.* *the Value* is given *in Pence* and the *Eighth* Part of a *Penny* or *Half a Farthing*. But in the *Table* at 3*s.* *the Value* is given in *Pence* and *Farthings*.

EXAMPLE I. What is *the Value* of ONE Foot in LENGTH of a Piece of Timber, Stone, &c. whoſe *Size* or *Scantling* is 6 Inches by 9 Inches, at 18*d.* *per Foot* CUBE?

In the Table at 18*d.* (or 1*s.* 6*d.*) look for 6 *Inch. Sqr.* *betwixt* the *parallel* Lines, keeping your Eye down the *Left-hand Column* 'till you come to 9 Inches; and *againſt it* ſtands 6 : 6, which ſignifies 6*d.* $\frac{3}{4}$; (for 6 *Eighths* of a *Penny* is equal to *Three Farthings*) the *Value* ſought.

	s. *d.*		*d.*
N. B. By the *Table* at	2 0	*the Value* will be found to be	9
	2 6		11$\frac{1}{4}$
	3 0		13$\frac{1}{2}$

EXAM-

EXAMPLE II. What is *the Value* of ONE Foot *in Length* of a Piece of Timber, Stone, &c. whoſe *Size* or *Scant'ing* is $6\frac{1}{2}$ Inches by $9\frac{1}{2}$ Inches, at 18*d. per Foot* CUBE?

In the Table at 18*d.* (or 1*s.* 6*d.*) look for $6\frac{1}{2}$ *Square* in the *parallel Lines*, keeping your Eye down the *Left-hand Column* until you come to $9\frac{1}{2}$ Inches; (the $\frac{1}{2}$ Inch is ſignified by the *little* Figure of 2 that ſtands *under* the 9) and *againſt it* ſtands 7 : 5 which ſignifies 7*d.* [illegible] *half* Farthing (or 7*d.* and 5 *Eighths* of a *Penny*) the *Value* ſought.

	s.	d.		d.
N. B. By the *Table* at	2	0	*the Value* will be found to be	$10\frac{1}{4}$
	2	6		$12\frac{3}{4}$
	3	0		$15\frac{1}{4}$

☞ By obſerving the *following Directions* theſe 4 Tables may be made as uſeful for *valuing* Timber, Stone, &c. at ANY OTHER *Price* per Foot CUBE, as they are for the Prices they are calculated for.

If you want *the Price* at … *per Foot* CUBE

s. d.		
3 6	*per Foot* CUBE	ADD *the Value* at 18*d.* to *the Value* at 2*s.* and that is *the Value* at 3*s.* 6*d.*
4 0		DOUBLE *the Value* at 2*s.* and that is *the Value* at 4*s.*
4 6		ADD *the Value* at 2*s.* to *the Value* at 2*s.* 6*d.* and that is *the Value* at 4*s.* 6*d.*
5 0		DOUBLE *the Value* at 2*s.* 6*d.* and that is *the Value* at 5*s.*
5 6		ADD *the Value* at 2*s.* 6*d.* to *the Value* at 3*s.* and that is *the Value* at 5*s.* 6*d.*
6 0		DOUBLE *the Value* at 3*s.* and that is *the Value* at 6*s.*

If you want *the Price* at … *per Foot* CUBE take HALF *the Value* at … and that is *the Value* at …

s. d.	take HALF *the Value* at s. d.	and that is *the Value* at s. d.
0 9	0 18	0 9
1 0	2 0	1 0
1 3	2 6	1 3

If you want *the Price* at … *per Foot* CUBE MORE than *the Price* any of the *Tables* are calculated for; *for* … ADD to *the Value* in *that* Table … Of *the Value* at 2*s. per Foot*, and you have *the Value* ſought.

d.	*for* d.	ADD to *the Value* in *that* Table
2	2	$\frac{1}{12}$
3	3	$\frac{1}{8}$
4	4	$\frac{1}{6}$
6	6	$\frac{1}{4}$

h

	d.		*a.*			
If you want *the Price* at	2	*per Foot* CUBE LESS than *the Price* any of the *Tables* are calculated for; *for*	2	DEDUCT from *the Value* in *that* Table	$\frac{1}{12}$	Of *the Value* at 2*s. per Foot*, and you have *the Value* ſought.
	3		3		$\frac{1}{8}$	
	4		4		$\frac{1}{6}$	
	6		6		$\frac{1}{4}$	

N. B. *I ſuppoſe you need not be told that* 1d. *is the* 24*th Part of the* Value *at* 2s. *or the* 18*th Part of the* Value *at* 18d. *or that* 5d. *is the* 6*th Part of the* Value *at* 2s. 6d. *and that when you want the Price at* 1d. *or* 5d. MORE *or* LESS *than any of the Tables are calculated for, you muſt* ADD to, *or* DEDUCT *from the Value ſet down in the Tables,* accordingly.

☞ If you ſhould ever want to find *the Value* of ONE Foot in *Length* of a Piece of Timber, Stone, &c. whoſe *Size* or *Scantling is* LARGER than the EXTENT of theſe Tables, this is

The RULE:

Conſider at what *Price* per *Foot* CUBE you would *Value* it by, then ſeek in THAT Table for THE VALUE of ONE *Foot* of Timber or Stone whoſe *Scantlings* are each of them *but equal* to HALF the *given* Scantlings, and FOUR *Times that* Price is the *Value* ſought. [*See* Example VI. *Page* xxix and xxx.]

EXAM-

EXAMPLE III. What is *the Value* of ONE Foot *in Length* of a Piece of Timber or Stone, &c. whoſe *Scantlings* are 14 Inches by 20 Inches, at 18*d.* (or 1*s.* 6*d*) *per Foot* CUBE?

Here you are *firſt* to conſider, that HALF the *given* Scantling is 7 by 10. Then in *the Table* at 18 *d. per Foot* CUBE you are to look betwixt the *parallel* Lines for 7 *Inches Square*, keeping your Eye down the *left Hand Column* 'till you come to 10 *Inches*, and *againſt* 10 Inches ſtands 8 : 6 which ſignifies 8*d.* $\frac{3}{4}$, and FOUR *Times* 8*d.* $\frac{3}{4}$ is 2*s.* 11*d.* and that is *the Value* of ONE *Foot in Length* whoſe Scantling is 14 Inches by 20 Inches at the *Rate* of 18*d. per Foot* CUBE. And

	s.	*d.*		*s.*	*d.*
By the Table at	2	0	*the Value* will be found to be	3	$10\frac{1}{2}$
	2	6		4	10
	3	0		5	10

N. B. When you are about to Value Timber, Stone, &c. *per Foot* CUBE, you are carfully to conſider, that by Reaſon of the Length of *Carriage*, the Price of *Workmen's Wages*, *&c.* they are rendered much *dearer* in *ſome* Places than they are in *others*, and therefore they muſt *be valued* at a Price *accordingly*.

THE EXPLANATION AND USE Of the following TABLE OF *Superficial* or *Flat* MEASURE.

Beginning on *Page* 140, and ending on *Page* 186.

1*ſt*. THIS Table *begins* with 1 Inch *bread*, and by the *Addition* of a *Quarter* of *an Inch*, extends itſelf to 24 Inches the BREADTH.

2*dly*. *Each* Page of this Table is divided into *Two* diſtinct Parts, and each *Part* conſiſts of *Two* Columns.

3*dly*. The FIRST *Part* of the *narrow* Column to the *left Hand*, ſhews the ſeveral *Lengths in Feet*, from 1 to 24; and, the SECOND Part the *Inches*, from 1 to 11; and the THIRD Part, the *Quarters* of an *Inch*.

4*thly*. The *Three* or *Four* Rows of Figures in the *larger* Column, on the *Right Hand*, marked at the *Top*, Ft. In. Pa. and *lower*, Ft. In. Pa. S. and T. are the ſeveral *Contents* in *ſquare* Feet, Inches, *Twelfth Parts* of an Inch, *Se-*

Seconds, and *Thirds*; anſwering to every Foot, Inch, and Quarters of an Inch, in the *Length*, in the *left Hand* Column.

The Uſe of the TABLE.

EXAMPLE I.

If a Board *is* 5 *Inches* broad *and* 9 *Feet* long, *I deſire to know how many* ſquare *Feet are contained therein?*

Look at the *Top* of the Table for 5 Inches (the *Breadth*,) and then keep your Eye down the *left Hand* Column, 'till you come to 9 Feet (the *Length*,) and *overagainſt* that, ſtands 3 : 9 : 0, which ſignify 3 Feet, 9 Inches, and is the *Content* required.

EXAMPLE II.

There's a Plank, 17 *Feet*, 9 *Inches* long, and 21½ *Inches* broad; *I demand how many* ſquare Feet *are contained in that* Plank?

At the *Top* of the Table, find 21½ Inches (the *Breadth*) and then look down the *left Hand* Column for 17 Feet (the *Length*) and right againſt it, ſtands 30 : 5 : 6; which ſignifies 30 Feet, 5 Inches, and 6 *Twelfth* Parts, or Half *an Inch*. Then look for 9 Inches (the *Length*) and againſt it, ſtands 1 : 4 : 1 : 6, that is, 1 Foot, 4 Inches, 1 *Twelfth* Part of an Inch, and 6 *Seconds*, (or *Half* a *Twelfth* Part of an Inch) then *add* theſe two together, and you find

find the Content to be, 31 Feet, 9 Inches, and 7 Twelfth Parts of an Inch—the 6 Seconds may be rejected.

	Ft.	In.	P.	S.
At 17 Feet	30	5	6	0
At 9 Inches	1	4	1	6
The *Content* required is	31	9	7	6

☞ The *Quarters* of an *Inch*, (when you have Occaſion for them) muſt be found and *added* to the *Feet* and *Inches*.

N. B. If you have a Plank *broader* at one *End* than the other (which is very common) you will certainly (by what has been obſerved before) either take *the Breadth* in the *Middle*; or at *each End*, and *add* them together, and take the *Half* for the *true* Breadth (provided *both* Edges be *ſtrait*) as you are directed in the Caſe of *Solid Meaſure, on Pages* xxxii. and lxxi.

☞ When you happen to meet with any *Board*, *Plank*, &c. *broader* than 24 Inches, or *longer* than 24 Feet, you muſt obſerve,

EXAMPLE III.

In a Plank 19 *Feet* long, *and* 27 *Inches* broad, *I demand how many* ſquare Feet *there are?*

☞ Now ſince your Table extends but to 24 Inches *broad*, the 27 Inches muſt be taken out *at twice*, viz.

	F.	I.	P.
19 Feet *long*, and 24 Inches *broad*, is	38	0	0
19 Feet *long*, and $\frac{3}{27}$ Inches *broad*, is	04	9	0
The *Content* required is	42	9	0

So that a *Plank*, 19 Feet *long*, and 27 Inches *broad*, contains 42 *ſuperficial* Feet, and 9 Inches.

If

If you have a *Stock*, or Parcel of *Boards*, or *Planks*, to meaſure, which are all of *one Length*, but of *different Breadths*, you muſt ſet down the Contents of *each*, and add them together in the following Manner.

EXAMPLE IV.

16 *Feet is the* common *Length*, and the *Breadth* of

No.		Inches.	F.	I.	P.
1	is	7	9	4	0
2		7½	10	0	0
3		8	10	8	0
4		8½	11	4	0
5		9	12	0	0
6		9½	12	8	0
7		10	13	4	0
8		10½	14	0	0
9		11	14	8	0
10		11½	15	4	0
11		12	16	0	0
The *ſquare* or *ſuperficial Content* of the ſaid 11 *Planks* is			139	4	0

Which is 139 *Feet*, 4 *Inches*, the *Content* required.

☞ See *the Obſervations concerning* SAWYERS *Work, on Page* lxxi.

THE

THE USE OF THE TABLE OF Superficial or Flat MEASURE,

When applied to

GLAZIERS WORK of all KINDS.

Beginning on *Page* 140, and ending on *Page* 186.

EXAMPLE I.

IN *a Window of* leaded *Glaſs, which has* three *Lights in it,* each *Light being* 3 *Feet* long, *and* 15 ¼ *Inches* broad, *I deſire to know how many Feet there is of Glazing.*

Firſt add the *Length* of the *Three* Lights together, which make 9 *Feet*; then look in the Table for 15 ¼ *Inches*, the *Breadth*, and againſt 9 *Feet* (the *Length*) you will find 11 : 5 : 3; which is 11 *Feet*, 5 *Inches*, and 3 *Twelfth Parts*, or a Quarter of an Inch; and that is the *Content* of the *Three* Lights required.

EXAMPLE II.

In Four *Windows* (*of* leaded Glaſs) each *Window having* two

Lights,

Lights, and each *Light being* 3 *Feet*, 6¾ *Inches* long, *and* 17¾ *Inches* broad: *I demand how many Feet there is of Glazing?*

Firſt the *Length* of all the 8 Lights muſt be *added* together, which make 28 *Feet*, and 6 *Inches*; then look in the Table for 17¾ *Inches* the *Breadth*.

But ſince the Table does not extend to 28 *Feet the* Length, *you muſt take the* Anſwer *out* at *Thrice*, viz.

	F.	I	P.	S.
20 Feet *long*, and 17¾ Inches the *Breadth*, is	29	07	0	0
8 Feet *long*, and 17¾ Inches the *Breadth*, is	11	10	0	0
6 Inches *long*, and 17¾ Inches, the *Breadth*, is	00	08	10	6
The *Content* required	42	01	10	6

So that 4 Windows, *each* having *two* Lights, and *each Light* being 3 Feet 6¾ Inches *long*, and 17¾ Inches *wide*, contain 42 Feet, 1 Inch, 10 Parts, 6 Seconds of Glazing.

N. B. If you have any *Quarters* of an Inch in the *Length*, they muſt be found at the *Bottom* of the Table, and *added* as the *Inches* are in this *Example* II.

To meaſure Saſh-Squares, *this Table is alſo very uſeful.*

EXAMPLE III.

In a Saſh-*Window that has* 12 *Squares of Glaſs*, (i. e. *is* 4 *high*, *and* 3 broad) each *Square being* 10 *Inches* high, and 8¼ *Inches* broad. *I would know how many* Feet *of Glaſs it contains?*

First *add* together the *Height* of the 12 *Squares*, which make 10 *Feet*; then look in the Table for 8 ¼ *Inches* the *Breadth*, and againſt 10 *Feet* (the *Length*) is 6 *Feet*, 10 *Inches*, and 6 *Twelfth Parts*, or *Half* an Inch; which is the Quantity of Glaſs in the ſaid *Saſh*-Window.

N. B. If you have any *odd* Inches, or *Quarters* of an Inch in *the Length*, you muſt proceed as in *Example* II.

EXAMPLE IV.

In a Saſh-Window having 18 *Squares*, each *Square being* 20 *Inches* high, *and* 11 ¾ *Inches* broad. *I would know how many* Feet *of Glaſs are therein?*

First *add* together the *Height* of the 18 Squares, which is 360 Inches (or 30 Feet;) then look in the Table for 11 ¾ Inches the *Breadth*.

But ſince the Table does not extend to 30 *Feet the* Length, *you muſt take the Anſwer out at* twice, *viz.*

	Ft.	I.	P.
20 Feet *long*, and 11 Inches ¾, in *Breadth*, is	19	7	0
10 Feet *long*, and 11 Inches ¾, in *Breadth*, is	09	9	6
The *Content* required is	29	4	6

So that a *Saſh*-Window that hath 18 Squares, *each* Square being 20 Inches *high*, and 11 ¾ Inches *wide*, contains 29 *Feet* 4 *Inches* and a *Half* of Glaſs.

☞ *Ob-*

SOME

OBSERVATIONS
CONCERNING
TIMBER
Sawed into
BOARDS or PLANKS.
And alſo

Concerning SAWYERS WORK, and the uſual Method of meaſuring them: With ſome Account of the LONDON *Prices* of *Sawyers Work*.

THE *following* Figure 1, *and* Figure 2, *are intended to repreſent two* different ſhaped BOARDS, *or* PLANKS, *each* 6 *Feet* long, *each* 10 *Inches* broad *at the* Butt *and each* 8 *Inches* broad *at the* Top; *the* dotted Lines *ſhew how they each differ from the* Boards, *or* Planks, *as are ſtrait-ſided.*

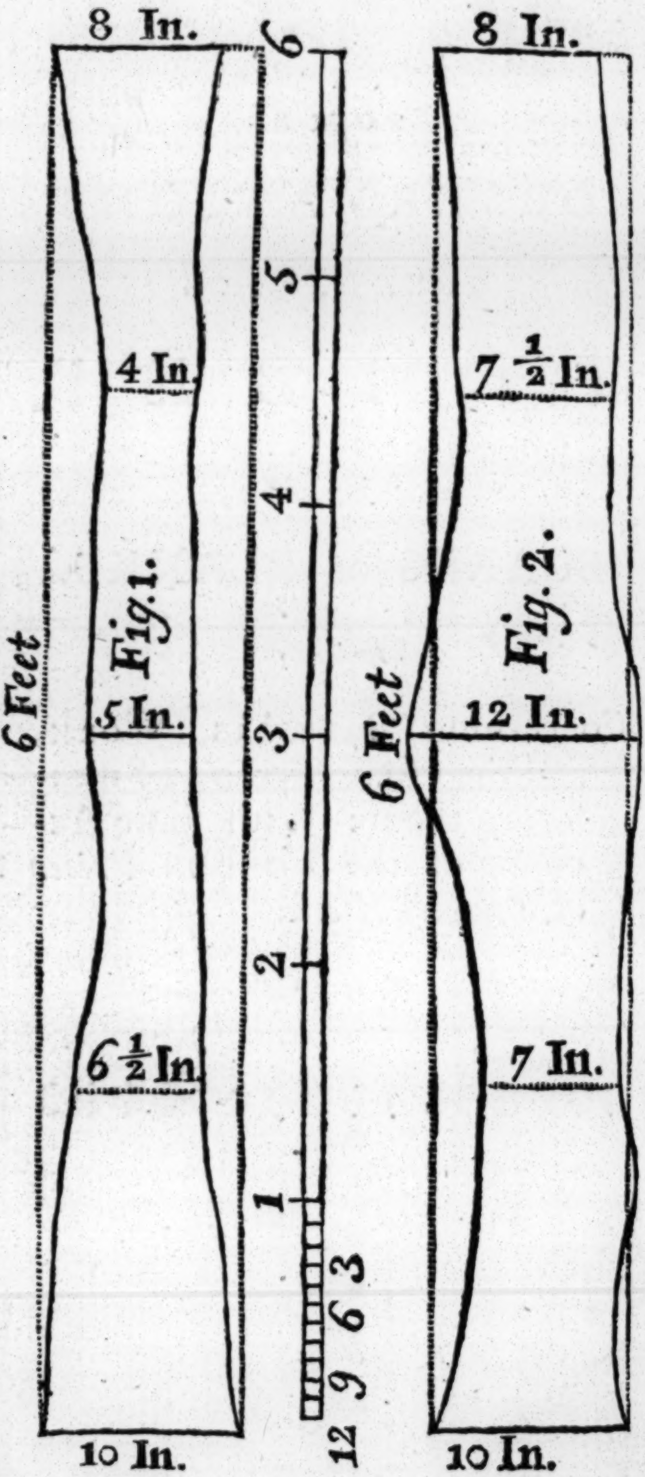


FIG. 1. you ſee meaſures 5 Inches in *the Middle,* which look for in the Table, and

and at 6 Feet the *Length*, you find it contains 2 *Feet* 6 *Inches*, according to the *cuſtomary* Way of meaſuring.

Fig. 2. You ſee meaſures 12 Inches in the middle, which look for in the Table, and at 6 Feet the *Length*, you find it contains 6 *Feet*, according to the *cuſtomary* Way of meaſuring. So that it is evident, that of two Boards, or Planks, of the ſame *Length*, and of the ſame *Breadth* at the *Butt*, and *Top*, according as *the Middle* runs *one* ſhall contain *Three ſuperficial Feet, and an Half*, more or leſs, than *the other*.

FIG. 1. *by* Two *Dimenſions*.

Let us now ſuppoſe *Fig*. 1. to be cut in the Middle, and to be meaſured by *two* Dimenſions: The *Middle* of the *bottom* Part meaſures 6 Inches and a Half, which look for in the Table, and at 3 Feet the *Length*, you find it contains 1 *Foot*, 7 *Inches*, and a *Half* (or 6 Parts). The *Middle* of the *Top* Part is 4 Inches, which look for in the Table, and at 3 Feet the *Length*, you will find it contains juſt 1 *Foot*; theſe *added* together, make *the whole* to be 2 *Feet*, 7 *Inches*, and a *Half*; ſo that there is only 1 ſuperficial *Inch, and a Half*, gained or loſt, by meaſuring *Fig*. 1. by *one* or *two* Dimenſions.

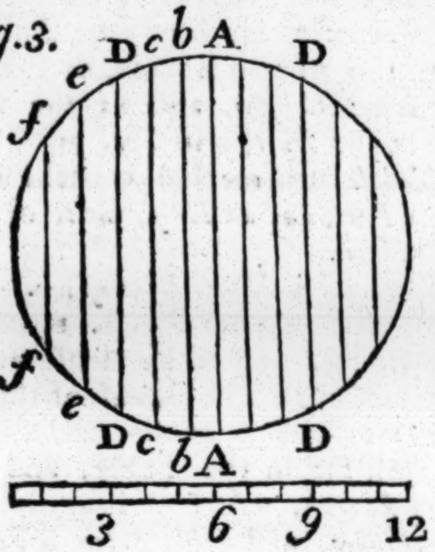
FIG. 2. *by* Two *Dimenſions*.

Let us now meauſure *Fig*. 2. by *Two* Dimenſions: The *Middle* of the *bottom* Part meaſures 7 Inches, which look for in the Table, and at 3 Feet, the *Length*, you will find it contains 1 *Foot* 9 *Inches*; the *Middle* of the *Top* Part is 7½ Inches, which, by the Table at 3 Feet the *Length*, is 1 *Foot* 10 *Inches* and a *Half*; and theſe *added* together (inſtead of making 6 Feet *as before*) make the whole to contain no more than 3 *Feet*, 7 *Inches*, and a *Half*; which is 2 *Feet*, 4 *Inches*, and a *Half* leſs than it meaſured to, when meaſured by *one* Dimenſion.

And if we ſuppoſe *Fig*. 2 to be a fine Wallnut-tree, *two* Inch Plank, at 12d. per *Foot*; if meaſured by *one* Dimenſion, it comes to 6s. but if it be meaſured by *two* Dimenſions, it comes (at the *ſame* Price) to no more than 3s. 7d. ½, which is 2s. 4d. ½. *Loſs*.

The *following* Cut, Fig. 3. *is intended to repreſent the* End *of a* ſtrait *Piece of* round *Timber*, 12 *Inches* Diameter *at* each End; *and* 6 *Feet* long.

Fig. 3.



AA. Shews what is commonly called *Sawyers* Meaſure, for which, at London, if it be Oak, there is uſually paid 3*s. per* 100 Feet, *Superficial* Meaſure.

DD. Shews what is commonly called *Market* Meaſure (and which is the trueſt) for which at London, if it be Oak, there is uſually paid 3*s.* 6*d. per* 100 Feet, *Superficial* Meaſure.

☞ The *firſt* Column in the following Table ſhews the Diameter, the *Second* the Superficial *Content*; and the *Third*, what is loſt *per* each *Cut*, or *Board*, if you pay for them all *per Sawyers* Meaſure.

	The *Diameter* or *Breadth* of *each* Cut.		*Superficial Content* of *each* Cut or Board.			*Loſt per each* Cut.		
	Ft.	In.	Ft.	In.	P.	Ft.	In.	P.
AA	1	0	6	0	0	0	0	0
b b	0	$11\frac{3}{4}$	5	10	6	0	1	6
c c	0	$11\frac{1}{2}$	5	9	0	0	3	0
DD	0	$10\frac{3}{4}$	5	4	6	0	7	6
e e	0	9	4	6	0	1	6	0
f f	0	7	3	6	0	2	6	0

At LONDON, *the* Sawyers *cut* Timber *at the following* Prices.

OAK, from 3s. to 3s. 6d. *per* 100 Feet, *Superficial* Meaſure; or 7s. *per* Load, of 50 ſolid Feet.

ASH, from 5s. to 6s. *per* 100 Feet, *Superficial* Meaſure; or from 8s. to 12s. *per* Load, of 50 ſolid Feet.

FIR, from 3s. to 4s. *per* 100 Feet, *Superficial* Meaſure; or 6s. *per* Load, of 50 ſolid Feet.

What are called *DEALS*, are ſawed *Abroad*; but for *ſlitting* 10 Feet *Deals*, there is uſually paid in LONDON, 2s 6d. *per Dozen*, or 2d½ *per Cut*; and for 12 Feet *Deal*, 3s. *per Dozen*, or 3d. *per Cut*.

MAHOGONY, from 5s. to 8s. *per* 100 Feet, *Superficial* Meaſure.

WALNUT-TREE, from 5s. to 7s. *per* 100 Feet, *Superficial* Meaſure.

ELM, from 2s. 6d. to 5s. per 100 Feet, *Superficial* Meaſure.

N. B. *Mahogony*, *Wall nut-tree*, and *Elm*, are never cut by *the Load*.

N. B. BEECH is commonly uſed for *Bedſteads*, *Chairs*, *Table Frames*, &c. and is generally cut in the *Country*.

N. B. The Difference in the Prices of ſawing the *ſame* foregoing Woods, ariſes from the *valuableneſs* and *fineneſs* of the *Timber* and *Sawing*.

☞ No *Planking*, leſs than 2 Inches *thick* is cut by *the Load*: In caſe it is *thinner* than 2 Inches *thick*, it is meaſured by the 100 Feet *Superficial* Meaſure.

N. B. By *Cuſtom*, the Sawyers *at London* have *one Piece with another*, as they ſhall happen to fall out, as much *per Load* for breaking down, or cutting a Piece of Timber into *large* Scantlings, as they have for breaking it down, or cutting it into *ſmall* Scantlings; *viz.* they will cut a Piece of Timber, *a Foot ſquare*, of any *Length*, into 2 Scantlings of 12 *Inches* by 6 *Inches*; or into 4 Scantlings of 6 *Inches*

6 *Inches* by 6 *Inches*; or into 12 Scantlings of 4 *Inches*, by 3 *Inches*, all at one and the *ſame Price*, or for the *ſame Money*. And the Reaſon they give for this Practice is, where the Stuff proves *fine*, it is ſeldom, or never, the Intereſt of the Owner, to have it cut into *ſmall* Scantlings.

N. B. Having occaſionally made Uſe of the Terms *Lineal*, or *Running*; *Superficial* or *Square*; and *Solid*, or *Cubical* Meaſure, in the foregoing Pages, it may not be amiſs here to explain them.

Lineal, or *Running* Meaſure; regards only the *Length*, but has no regard to the *Breadth* or *Thickneſs*.

Superficial or *Square* Meaſure; regards the *Length* and *Breadth*.

Solid, or *Cubical* Meaſure; regards the *Length*, *Breadth*, and *Thickneſs*.

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BRITISH MUSEUM
15 JUN 61

A NEW

TABLE

For the Finding at Sight the

SQUARE

Of Unequal-Sided

TIMBER, STONE, &c.

Ready caſt up,

Whereby the true *Square* of any Piece of *Timber*, *Stone*, *&c.* being broader *one Way* than *the other*, may be found, from 2 to 54 *Inches* the *broadeſt* Side.

And therefore, by *Addition* only, may ſerve to any *greater Breadth*, if there ſhould ever be Occaſion.

☞ See this Table *explained* on *Page* xx.

A

2 In. Sqr.		
2	2	1
3	2	2
2	2	3
4	2	3
2	3	0
5	3	1
2	3	2
6	3	2
2	3	3
7	3	3
2	3	3
8	4	0
2	4	0
9	4	1
2	4	1
10	4	2
2	4	2
11	4	3
2	4	3
12	5	0
2	5	0
13	5	1
2	5	1
14	5	1
2	5	2
15	5	2
2	5	2
16	5	3
2	5	3
17	5	3
2	6	0
18	6	0

2 ½ Sqr.		
3	2	3
2	3	0
4	3	1
2	3	2
5	3	2
2	3	3
6	3	3
2	4	0
7	4	1
2	4	1
8	4	2
2	4	2
9	4	3
2	4	3
10	5	0
2	5	0
11	5	1
2	5	1
12	5	2
2	5	2
13	5	3
2	5	3
14	6	0
2	6	0
15	6	1
2	6	1
16	6	1
2	6	2
17	6	2
2	6	2
18	6	3

3 In. Sqr		
2	3	1
4	3	2
2	3	3
5	3	3
2	4	0
6	4	1
2	4	1
7	4	2
2	4	3
8	4	3
2	5	0
9	5	1
2	5	1
10	5	2
2	5	2
11	5	3
2	6	0
12	6	0
2	6	1
13	6	1
2	6	1
14	6	2
2	6	2
15	6	3
2	6	3
16	7	0
2	7	0
17	7	1
2	7	1
18	7	1

3 ½ Sqr.		
4	3	3
2	3	3
5	4	0
2	4	[illegible]
6	4	2
[illegible]	4	3
7	5	0
2	5	0
8	5	1
2	5	2
9	5	2
2	5	3
10	6	0
2	6	0
11	6	1
2	6	1
12	6	2
2	6	2
13	6	3
2	7	0
14	7	0
2	7	0
15	7	1
2	7	1
16	7	2
2	7	2
17	7	3
2	7	3
18	8	0

4 In. Sqr.		
2	4	1
5	4	2
2	4	3
6	5	0
2	5	0
7	5	1
2	5	2
8	5	2
2	5	3
9	6	0
2	6	1
10	6	1
2	6	2
11	6	3
2	6	3
12	7	0
2	7	0
13	7	1
2	7	1
14	7	2
2	7	2
15	7	3
2	7	3
16	8	0
2	8	1
17	8	1
2	8	1
18	8	2

BRITISH MUSEUM
JUN

4½ Sqr.

5	4	3
2	5	0
6	5	1
2	5	2
7	5	2
2	5	3
8	6	0
2	6	1
9	6	1
2	6	2
10	6	3
2	6	3
11	7	0
2	7	1
12	7	1
2	7	2
13	7	3
2	7	3
14	8	0
2	8	0
15	8	1
2	8	1
16	8	2
2	8	2
17	8	3
2	8	3
18	9	0

5 In. Sqr.

2	5	1
6	5	2
2	5	3
7	6	0
2	6	0
8	6	1
2	6	2
9	6	3
2	6	3
10	7	0
2	7	1
11	7	2
2	7	2
12	7	3
2	8	0
13	8	0
2	8	1
14	8	1
2	8	2
15	8	3
2	8	3
16	9	0
2	9	1
17	9	1
2	9	1
18	9	2

5½ Sqr.

6	5	3
2	6	0
7	6	1
2	6	2
8	6	3
2	6	3
9	7	0
2	7	1
10	7	2
2	7	2
11	7	3
2	8	0
12	8	0
2	8	1
13	8	2
2	8	2
14	8	3
2	9	0
15	9	0
2	9	1
16	9	2
2	9	2
17	9	3
2	9	3
18	10	0

6 In. Sqr.

2	6	1
7	6	2
2	6	3
8	7	0
2	7	1
9	7	1
2	7	2
10	7	3
2	8	0
11	8	0
2	8	1
12	8	2
2	8	3
13	8	3
2	9	0
14	9	1
2	9	1
15	9	2
2	9	3
16	9	3
2	10	0
17	10	0
2	10	1
18	10	2

6½ Sqr

7	6	3
2	7	0
8	7	1
2	7	2
9	7	3
2	7	3
10	8	0
2	8	1
11	8	2
2	8	3
12	8	3
2	9	0
13	9	1
2	9	1
14	9	2
2	9	3
15	10	0
2	10	0
16	10	1
2	10	1
17	10	2
2	10	3
18	10	3

7 In. Sqr.

2	7	1
8	7	2
2	7	3
9	8	0
2	8	1
10	8	1
2	8	2
11	8	3
2	9	0
12	9	1
2	9	1
13	9	2
2	9	3
14	10	0
2	10	0
15	10	1
2	10	2
16	10	2
2	10	3
17	11	0
2	11	0
18	11	1

7 ½ Sqr.

8	7	3
2	8	0
9	8	1
2	8	2
10	8	3
2	8	3
11	9	0
2	9	1
12	9	2
2	9	3
13	9	3
2	10	0
14	10	1
2	10	2
15	10	2
2	10	3
16	11	0
2	11	0
17	11	1
2	11	2
18	11	2

8 In. Sqr.

2	8	1
9	8	2
2	8	3
10	9	0
2	9	1
11	9	2
2	9	2
12	9	3
2	10	0
13	10	1
2	10	2
14	10	2
2	10	3
15	11	0
2	11	1
16	11	1
2	11	2
17	11	3
2	11	3
18	12	0

8 ½ Sqr.

9	8	3
2	9	0
10	9	1
2	9	2
11	9	3
2	10	0
12	10	0
2	10	1
13	10	2
2	10	3
14	11	0
2	11	0
15	11	1
2	11	2
16	11	3
2	11	3
17	12	0
2	12	1
18	12	1

9 In. Sqr.

2	9	1
10	9	2
2	9	3
11	10	0
2	10	1
12	10	2
2	10	2
13	10	3
2	11	0
14	11	1
2	11	2
15	11	2
2	11	3
16	12	0
2	12	1
17	12	1
2	12	2
18	12	3

9 ½ Sqr.

10	9	3
2	10	0
11	10	1
2	10	2
12	10	3
2	11	0
13	11	0
2	11	1
14	11	2
2	11	3
15	12	0
2	12	1
16	12	1
2	12	2
17	12	3
2	13	0
18	13	0
2	13	1
10	13	2

10 In. Sqr.

2	10	1
11	10	2
2	10	3
12	11	0
2	11	1
13	11	2
2	11	2
14	11	3
2	12	0
15	12	1
2	12	2
16	12	3
2	12	3
17	13	0
2	13	1
18	13	2
2	13	2
19	13	3
2	14	0
20	14	1

10 ½ Sqr.

11	10	3
2	11	0
12	11	1
2	11	2
13	11	3
2	12	0
14	12	0
2	12	1
15	12	2
2	12	3
16	13	0
2	13	1
17	13	1
2	13	2
18	13	3
2	14	0
19	14	0
2	14	1
20	14	2
2	14	3
21	14	3

11 In. Sqr.

2	11	1
12	11	2
2	11	3
13	12	0
2	12	1
14	12	2
2	12	3

15	12	3
2	13	0
16	13	1
2	13	2
17	13	3
2	13	3
18	14	0
2	14	1
19	14	2
2	14	3
20	14	3
2	15	0
21	15	1
2	15	1
22	15	2

11 ½ Sqr.

12	11	3
2	12	0
13	12	0
2	12	1
14	12	2
2	12	3
15	13	0
2	13	1
16	13	2
2	13	3
17	14	0
2	14	1
18	14	2
2	14	2
19	14	3
2	15	0
20	15	1
2	15	1
21	15	2
2	15	3
22	16	0
2	16	0
23	16	1

12 In. Sqr.

2	12	1
13	12	2
2	12	3
14	13	0
2	13	1
15	13	2
2	13	3
16	13	3
2	14	0
17	14	1
2	14	2

18	14	3
2	15	0
19	15	0
2	15	1
20	15	2
2	15	3
21	15	3
2	16	0
22	16	1
2	16	2
23	16	3
2	16	3
24	17	0

12 ½ Sqr.

13	12	3
2	13	0
14	13	1
2	13	2
15	13	3
2	14	0
16	14	1
2	14	1
17	14	2
2	14	3
18	15	0
2	15	0
19	15	1
2	15	2
20	15	3
2	16	0
21	16	1
2	16	2
22	16	2
2	16	3
23	17	0
2	17	1
24	17	1
2	17	2
25	17	3

13 In. Sqr.

2	13	1
14	13	2
2	13	3
15	14	0
2	14	1
16	14	2
2	14	3
17	14	3
2	15	0
18	15	1
2	15	2

19	15	2
2	15	3
20	16	0
2	16	1
21	16	2
2	16	3
22	17	0
2	17	0
23	17	1
2	17	2
24	17	3
2	17	3
25	18	0
2	18	1
26	18	2

13 ½ Sqr.

14	13	3
2	14	0
15	14	1
2	14	2
16	14	3
2	15	0
17	15	1
2	15	1
18	15	2
2	15	3
19	16	0
2	16	1
20	16	2
2	16	3
21	16	3
2	17	0
22	17	1
2	17	2
23	17	2
2	17	3
24	18	0
2	18	1
25	18	1
2	18	2
26	18	3
2	19	0
27	19	0

14 In. Sqr.

2	14	1
15	14	2
2	14	3
16	15	0
2	15	1
17	15	2
2	15	3

18	16	0
2	16	1
19	16	2
2	16	3
20	16	3
2	17	0
21	17	1
2	17	1
22	17	2
2	17	3
23	18	0
2	18	1
24	18	1
2	18	2
25	18	3
2	19	0
26	19	0
2	19	1
27	19	2
2	19	2
28	19	3

14 ½ Sqr.

15	14	3
2	15	0
16	15	1
2	15	2
17	15	3
2	16	0
18	16	1
2	16	2
19	16	2
2	16	3
20	17	0
2	17	1
21	17	2
2	17	3
22	17	3
2	18	9
23	18	1
2	18	2
24	18	3
2	18	3
25	19	0
2	19	1
26	19	2
2	19	2
27	19	3
2	20	0
28	20	1
2	20	1
29	20	2

15 In. Sqr.

2	15	1
16	15	2
2	15	3
17	16	0
2	16	1
18	16	2
2	16	3
19	17	0
2	17	0
20	17	1
2	17	2
21	17	3
2	18	0
22	18	1
2	18	1
23	18	2
2	18	3
24	19	0
2	19	1
25	19	1
2	19	2
26	19	3
2	20	0
27	20	1
2	20	1
28	20	2
2	20	3
29	20	3
2	21	0
30	21	1

15 ½ Sqr.

16	15	3
2	16	0
17	16	1
2	16	2
18	16	3
2	17	0
19	17	1
2	17	2
20	17	2
2	17	3
21	18	0
2	18	1
22	18	2
2	18	3
23	18	3
2	19	0
24	19	1
2	19	2
25	19	3
2	19	3
26	20	0
2	20	1
27	20	2
2	20	3
28	20	3
2	21	0
29	21	1
2	21	2
30	21	3
2	21	3
31	22	0

16 In. Sqr.

2	16	1
17	16	2
2	16	3
18	17	0
2	17	1
19	17	2
2	17	3
20	18	0
2	18	0
21	18	1
2	18	2
22	18	3
2	19	0
23	19	1
2	19	2
24	19	2
2	19	3
25	20	0
2	20	1
26	20	2
2	20	2
27	20	3
2	21	0
28	21	1
2	21	1
29	21	2
2	21	3
30	22	0
2	22	0
31	22	1
2	22	2
32	22	3

16 ½ Sqr.

17	16	3
2	17	0
18	17	1
2	17	2
19	17	3
2	18	0

20	18	1
2	18	2
21	18	2
2	18	3
22	19	0
2	19	1
23	19	2
2	19	3
24	20	0
2	20	0
25	20	1
2	20	2
26	20	3
2	20	3
27	21	0
2	21	1
28	21	2
2	21	3
29	21	3
2	22	0
30	22	1
2	22	2
31	22	2
2	22	3
32	23	0
2	23	1
33	23	1

17 In. Sqr.

2	17	1
18	17	2
2	17	3
19	18	0
2	18	1
20	18	2
2	18	3
21	19	0
2	19	0
22	19	1
2	19	2
23	19	3
2	20	0
24	20	1
2	20	2
25	20	2
2	20	3
26	21	0
2	21	1
27	21	2
2	21	2
28	21	3
2	22.	0
29	22	1
2	22	2
30	22	2
2	22	3
31	23	0
2	23	1
32	23	1
2	23	2
33	23	3
2	23	3
34	24	0

17 ½ Sqr.

18	17	3
2	18	0
19	18	1
2	18	2
20	18	3
2	19	0
21	19	1
2	19	2
22	19	2
2	19	3
23	20	0
2	20	1
24	20	2
2	20	3
25	21	0
2	21	0
26	21	1
2	21	2
27	21	3
2	22	0
28	22	1
2	22	1
29	22	2
2	22	3
30	23	0
2	23	0
31	23	1
2	23	2
32	23	3
2	23	3
33	24	0
2	24	1
34	24	2
2	24	2
35	24	3

18 In. Sqr.

2	18	1
19	18	2
2	18	3
20	19	0
2	19	1
21	19	2
2	19	3
22	20	0
2	20	1
23	20	1
2	20	2
24	20	3
2	21	0
25	21	1
2	21	2
26	21	2
2	21	3
27	22	0
2	22	1
28	22	2
2	22	3
29	22	3
2	23	0
30	23	1
2	23	2
31	23	2
2	23	3
32	24	0
2	24	1
33	24	1
2	24	2
34	24	3
2	25	0
35	25	1
2	25	2
36	25	3

18 ½ Sqr.

19	18	3
2	19	0
20	19	1
2	19	2
21	19	3
2	20	0
22	20	1
2	20	2
23	20	3
2	20	3
24	21	0
2	21	1
25	21	2
2	21	3
26	22	0
2	22	1
27	22	1
2	22	2

28	22	3
2	23	0
29	23	1
2	23	1
30	23	2
2	23	3
31	24	0
2	24	1
32	24	1
2	24	2
33	24	3
2	25	0
34	25	0
2	25	1
35	25	2
2	25	3
36	25	3
2	26	0
37	26	1

19 In. Sqr

2	19	1
20	19	2
2	19	3
21	20	0
2	20	1
22	20	2
2	20	3
23	21	0
2	21	1
24	21	1
2	21	2
25	21	3
2	22	0
26	22	1
2	22	2
27	22	3
2	22	3
28	23	0
2	23	1
29	23	2
2	23	3
30	23	3
2	24	0
31	24	1
2	24	2
32	24	3
2	24	3
33	25	0
2	25	1
34	25	2
2	25	2
35	25	3
2	26	0
36	26	1
2	26	1
37	26	2
2	26	3
38	26	3

19 ½ Sqr.

20	19	3
2	20	0
21	20	1
2	20	2
22	20	3
2	21	0
23	21	1
2	21	2
24	21	3
2	21	3
25	22	0
2	22	1
26	22	2
2	22	3
27	23	0
2	23	1
28	23	1
2	23	2
29	23	3
2	24	0
30	24	1
2	24	2
31	24	2
2	24	3
32	25	0
2	25	1
33	25	1
2	25	2
34	25	3
2	26	0
35	26	0
2	26	1
36	26	2
2	26	3
37	26	3
2	27	0
38	27	1
2	27	2
39	27	2

20 In. Sqr

2	20	1
21	20	2
2	20	3
22	21	0
2	21	1
23	21	2
2	21	3
24	22	0
2	22	1
25	22	1
2	22	2
26	22	3
2	23	0
27	23	1
2	23	2
28	23	3
2	23	3
29	24	0
2	24	1
30	24	2
2	24	3
31	25	0
2	25	0
32	25	1
2	25	2
33	25	3
2	26	0
34	26	0
2	26	1
35	26	2
2	26	3
36	26	3
2	27	0
37	27	1
2	27	2
38	27	2
2	27	3
39	28	0
2	28	0
40	28	1

20 ½ Sqr.

21	20	3
2	21	0
22	21	1
2	21	2
23	21	3
2	22	0
24	22	1
2	22	2
25	22	3
2	22	3
26	23	0
2	23	1
27	23	2
2	23	3

28	24	0
2	24	1
29	24	1
2	24	2
30	24	3
2	25	0
31	25	1
2	25	2
32	25	2
2	25	3
33	26	0
2	26	1
34	26	2
2	26	2
35	26	3
2	27	0
36	27	1
2	27	1
37	27	2
2	27	3
38	28	0
2	28	1
39	28	2
2	28	3
40	28	3
2	29	0
41	29	1

21 In. Sqr

2	21	1
22	21	2
2	21	3
23	22	0
2	22	1
24	22	2
2	22	3
25	23	0
2	23	1
26	23	1
2	23	2
27	23	3
2	24	0
28	24	1
2	24	2
29	24	3
2	25	0
30	25	0
2	25	1
31	25	2
2	25	3
32	26	0
2	26	0

33	26	1
2	26	2
34	26	3
2	27	0
35	27	0
2	27	1
36	27	2
2	27	3
37	27	3
2	28	0
38	28	1
2	28	2
39	28	2
2	28	3
40	29	0
2	29	1
41	29	1
2	29	2
42	29	3

21 ½ Sqr.

22	21	3
2	22	0
23	22	1
2	22	2
24	22	3
2	23	0
25	23	1
2	23	2
26	23	3
2	23	3
27	24	0
2	24	1
28	24	2
2	24	3
29	25	0
2	25	1
30	25	2
2	25	2
31	25	3
2	26	0
32	26	1
2	26	2
33	26	3
2	26	3
34	27	0
2	27	1
35	27	2
2	27	3
36	27	3
2	28	0
37	28	1
2	28	2

38	28	2
2	28	3
39	29	0
2	29	1
40	29	1
2	29	2
41	29	3
2	29	3
42	30	0
2	30	1
43	30	2

22 In. Sqr.

2	22	1
23	22	2
2	22	3
24	23	0
2	23	1
25	23	2
2	23	3
26	24	0
2	24	1
27	24	1
2	24	2
28	24	3
2	25	0
29	25	1
2	25	2
30	25	3
2	26	0
31	26	0
2	26	1
32	26	2
2	26	3
33	27	0
2	27	1
34	27	1
2	27	2
35	27	3
2	28	0
36	28	1
2	28	1
37	28	2
2	28	3
38	29	0
2	29	0
39	29	1
2	29	2
40	29	3
2	29	3
41	30	0
2	30	1
24	30	2
2	30	2

43	30	3
2	31	0
44	31	0

22 ½ Sqr.

23	22	3
2	23	0
24	23	1
2	23	2
25	23	3
2	24	0
26	24	1
2	24	2
27	24	3
2	24	3
28	25	0
2	25	1
29	25	2
2	25	3
30	26	0
2	26	1
31	26	2
2	26	2
32	26	3
2	27	0
33	27	1
2	27	2
34	27	3
2	27	3
35	28	0
2	28	1
36	28	2
2	28	3
37	28	3
2	29	0
38	29	1
2	29	2
39	29	2
2	29	3
40	30	0
2	30	1
41	30	1
2	30	2
42	30	3
2	31	0
43	31	0
2	31	1
44	31	2
2	31	3
45	31	3

23 In. Sqr.

2	23	1
24	23	2
2	23	3
25	24	0
2	24	1
26	24	2
2	24	3
27	25	0
2	25	1
28	25	2
2	25	2
29	25	3
2	26	0
30	26	1
2	26	2
31	26	3
2	27	0
32	27	1
2	27	1
33	27	2
2	27	3
34	28	0
2	28	1
35	28	1
2	28	2
36	28	3
2	29	0
37	29	1
2	29	1
38	29	2
2	29	3
39	30	0
2	30	1
40	30	2
2	30	3
41	31	0
2	31	0
42	31	1
2	31	2
43	31	2
2	31	3
44	32	0
2	32	1
45	32	1
2	32	2
46	32	3

23 ½ Sqr.

24	23	3
2	24	0
25	24	1
2	24	2
26	24	3
2	25	0
27	25	1
2	25	2
28	25	3
2	25	3
29	26	0
2	26	1
30	26	2
2	26	3
31	27	0
2	27	1
32	27	2
2	27	3
33	27	3
2	28	0
34	28	1
2	28	2
35	28	3
2	29	0
36	29	0
2	29	1
37	29	2
2	29	3
38	29	3
2	30	0
39	30	1
2	30	2
40	30	3
2	30	3
41	31	0
2	31	1
42	31	2
2	31	2
43	31	3
2	32	0
44	32	1
2	32	1
45	32	2
2	32	3
46	33	0
2	33	0
47	33	1

24 In: Sqr.

2	24	1
25	24	2
2	24	3
26	25	0
2	25	1
7	25	2
2	25	3
28	26	0
2	26	1

29	26	2
2	25	2
30	26	3
2	27	0
31	27	1
2	27	2
32	27	3
2	28	0
33	28	1
2	28	1
34	28	2
2	28	3
35	29	0
2	29	1
36	29	2
2	29	2
37	29	3
2	30	0
38	30	1
2	30	2
39	30	2
2	30	3
40	31	0
2	31	1
41	31	1
2	31	2
42	31	3
2	32	0
43	32	0
2	32	1
44	32	2
2	32	3
45	33	0
2	33	0
46	33	1
2	33	2
47	33	2
2	33	3
48	34	0

24½ Sqr.

25	24	3
2	25	0
26	25	1
2	25	2
27	25	3
2	26	0
28	26	1
2	26	2
29	26	3
2	27	0
30	27	0
2	27	0

31	27	2
2	27	3
32	28	0
2	28	1
33	28	2
2	28	3
34	28	3
2	29	0
35	29	1
2	29	2
36	29	3
2	30	0
37	30	0
2	30	1
38	30	2
2	30	3
39	31	0
2	31	0
40	31	1
2	31	2
41	31	3
2	31	3
42	32	0
2	32	1
43	32	2
2	32	3
44	32	3
2	33	0
45	33	1
2	33	2
46	33	2
2	33	3
47	34	0
2	34	0
48	34	1
2	34	2
49	34	3

25 In. Sqr.

2	25	1
26	25	2
2	25	3
27	26	0
2	26	1
28	26	2
2	26	3
29	27	0
2	27	1
30	27	1
2	27	2
31	27	3
2	28	0

32	28	1
2	28	2
33	28	3
2	29	0
34	29	1
2	29	1
35	29	2
2	29	3
36	30	0
2	30	1
37	30	2
2	30	2
38	30	3
2	31	0
39	31	1
2	31	2
40	31	2
2	31	3
41	32	0
2	32	1
42	32	2
2	32	2
43	32	3
2	33	0
44	33	1
2	33	1
45	33	2
2	33	3
46	34	0
2	34	0
47	34	1
2	34	2
48	34	3
2	34	3
49	35	0
2	35	1
50	35	1

25 ½ Sqr.

26	25	3
2	26	0
27	26	1
2	26	2
28	26	3
2	27	0
29	27	1
2	27	2
30	27	3
2	27	3
31	28	0
2	28	1
32	28	2
2	28	3

33	29	0
2	29	1
34	29	2
2	29	3
35	29	3
2	30	0
36	30	1
2	30	2
37	30	3
2	31	0
38	31	1
2	31	1
39	31	2
2	31	3
40	32	0
2	32	0
41	32	1
2	32	2
42	32	3
2	33	0
43	33	0
2	33	1
44	33	2
2	33	3
45	33	3
2	34	0
46	34	1
2	34	2
47	34	2
2	34	3
48	35	0
2	35	1
49	35	1
2	35	2
50	35	3
2	35	3
51	36	0

26 In Sqr.

2	26	1
27	26	2
2	26	3
28	27	0
2	27	1
29	27	2
2	27	3
30	28	0
2	28	1
31	28	2
2	28	2
32	28	3
2	29	0

33	29	1
2	29	2
34	29	3
2	30	0
35	30	1
2	30	2
36	30	2
2	30	3
37	31	0
2	31	1
38	31	2
2	31	3
39	31	3
2	32	0
40	32	1
2	32	2
41	32	3
2	32	3
42	33	0
2	33	1
43	33	2
2	33	3
44	33	3
2	34	0
45	34	1
2	34	2
46	34	2
2	34	3
47	35	0
2	35	1
48	35	1
2	35	2
49	35	3
2	35	3
50	36	0
2	36	1
51	36	2
2	36	2
52	36	3

26 ½ Sqr.

27	26	3
2	27	1
28	27	2
2	27	3
29	27	0
2	28	0
30	28	1
2	28	2
31	28	3
2	28	3
32	29	0
2	29	1

33	29	2
2	29	3
34	30	0
2	30	1
35	30	2
2	30	3
36	31	0
2	31	0
37	31	1
2	31	2
38	31	3
2	32	0
39	32	1
2	32	1
40	32	2
2	32	3
41	33	0
2	33	1
42	33	1
2	33	2
43	33	3
2	34	0
44	34	1
2	34	1
45	34	2
2	34	3
46	35	0
2	35	0
47	35	1
2	35	2
48	35	3
2	35	3
49	36	0
2	36	1
50	36	2
2	36	2
51	36	3
2	37	0
52	37	0
2	37	1
53	37	2

27 In. Sqr.

2	27	1
28	27	2
2	27	3
29	28	0
2	28	1
30	28	2
2	28	3
31	29	0
2	29	1

32	29	2	31	29	1	30	29	0
2	29	2	2	29	2	2	29	1
33	29	3	32	29	3	31	29	2
2	30	0	2	29	3	2	29	3
34	30	1	33	30	0	32	30	0
2	30	2	2	30	1	2	30	1
35	30	3	34	30	2	33	30	2
2	31	0	2	30	3	2	30	3
36	31	1	35	31	0	34	30	3
2	31	2	2	31	1	2	31	0
37	31	2	36	31	2	35	31	1
2	31	3	2	31	3	2	31	2
38	32	0	37	32	0	36	31	3
2	32	1	2	32	0	2	32	0
39	32	2	38	32	1	37	32	1
2	32	3	2	32	2	2	32	2
40	32	3	39	32	3	38	32	2
2	33	0	2	33	0	2	32	3
41	33	1	40	33	1	39	33	0
2	33	2	2	33	1	2	33	1
42	33	3	41	33	2	40	33	2
2	33	3	2	33	3	2	33	3
43	34	0	42	34	0	41	34	0
2	34	1	2	34	1	2	34	0
44	34	2	43	34	2	42	34	1
2	34	3	2	34	2	2	34	2
45	34	3	44	34	3	43	34	3
2	35	0	2	35	0	2	35	0
46	35	1	45	35	1	44	35	0
2	35	2	2	35	1	2	35	1
47	35	2	46	35	2	45	35	2
2	35	3	2	35	3	2	35	3
48	36	0	47	36	0	46	36	0
2	36	1	2	36	1	2	36	0
49	36	2	48	36	1	47	36	1
2	36	2	2	36	2	2	36	2
50	36	3	49	36	3	48	36	3
2	37	0	2	37	0	2	36	3
51	37	0	50	37	0	49	37	0
2	37	1	2	37	1	2	37	1
52	37	2	51	37	2	50	37	2
2	37	3	2	37	3	2	37	2
53	37	3	52	37	3	51	37	3
2	38	0	2	38	0	2	38	0
54	38	1	53	38	1	52	38	1
27 ½ Sqr.			2	38	1	2	38	1
28	27	3	54	38	2		38	2
2	28	0	28 In. Sqr.			53	38	3
28	28	1	2	28	1	54	39	0
2	28	2	29	28	2	28 ½ Sqr.		
30	28	3	2	28	3	29	28	3
2	29	0				2	29	0

30	29	1
2	29	2
31	29	3
2	30	0
32	30	1
2	30	2
33	30	3
2	31	0
34	31	1
2	31	1
35	31	2
2	31	3
36	32	0
2	32	1
37	32	2
2	32	3
38	33	0
2	33	0
39	33	1
2	33	2
40	33	3
2	34	0
41	34	1
	34	2
42	34	2
2	34	3
43	35	0
	35	1
44	35	2
2	35	2
45	35	3
2	36	0
46	36	1
2	36	2
47	36	2
2	36	3
48	37	0
2	37	1
49	37	1
2	37	2
50	37	3
2	38	0
51	38	0
2	38	1
52	38	2
2	38	3
53	38	3
2	39	0
54	39	1

29 In. Sqr.

2	29	1

30	29	2
2	29	3
31	30	0
2	30	1
32	30	2
2	30	3
33	31	0
2	31	1
34	31	2
2	31	3
35	31	3
2	32	0
36	32	1
2	32	2
37	32	3
2	33	0
38	33	1
2	33	2
39	33	3
2	33	3
40	34	0
2	34	1
41	34	2
2	34	3
42	35	0
2	35	0
43	35	1
2	35	2
44	35	3
2	36	0
45	36	0
2	36	1
46	36	2
2	36	3
47	37	0
2	37	0
48	37	1
2	37	2
49	37	3
2	38	0
50	38	0
2	38	1
51	38	2
2	38	3
52	38	3
2	39	0
53	39	1
2	39	2
54	39	2

29 ½ Sqr.

30	29	3
2	30	0

31	30	1
2	30	2
32	30	3
2	31	0
33	31	1
2	31	2
34	31	3
2	32	0
35	32	0
2	32	1
36	32	2
2	32	3
37	33	0
2	33	1
38	33	2
2	33	3
39	34	0
2	34	1
40	34	1
2	34	2
41	34	3
2	35	0
42	35	1
2	35	2
43	35	2
2	35	3
44	36	0
2	36	1
45	36	2
2	36	3
46	36	3
2	37	0
47	37	1
2	37	2
48	37	3
2	37	3
49	38	0
2	38	1
50	38	2
2	38	2
51	38	3
2	39	0
52	39	1
2	39	1
53	39	2
2	39	3
54	40	0

30 In. Sqr.

2	30	1
31	30	2
2	30	3

32	31	0
2	31	1
33	31	2
2	31	3
34	32	0
2	32	1
35	32	2
2	32	3
36	32	3
2	33	0
37	33	1
2	33	2
38	33	3
2	34	0
39	34	1
2	34	2
40	34	3
2	34	3
41	35	0
2	35	1
42	35	2
2	35	3
43	36	0
2	36	0
44	36	1
2	36	2
45	36	3
2	37	0
46	37	1
2	37	1
47	37	2
2	37	3
48	38	0
2	38	1
49	38	1
2	38	2
50	38	3
2	39	0
51	39	0
2	39	1
52	39	2
2	39	3
53	39	3
2	40	0
54	40	1

30 ½ Sqr

31	30	3
2	31	0
32	31	1
2	31	2
33	31	3
2	32	0

34	32	1
2	32	2
35	32	3
2	33	0
36	33	1
2	33	1
37	33	2
2	33	3
38	34	0
2	34	1
39	34	2
2	34	3
40	35	0
2	35	1
41	35	1
2	35	2
42	35	3
2	36	0
43	36	1
2	36	2
44	36	3
2	36	3
45	37	0
2	37	1
46	37	2
2	37	3
47	37	3
2	38	0
48	38	1
2	38	2
49	38	3
2	38	3
50	39	0
2	39	1
51	39	2
2	39	2
52	39	3
2	40	0
53	40	1
2	40	2
54	40	2

31 In.Sqr.

2	31	1
32	31	2
2	31	3
33	32	0
2	32	1
34	32	2
2	32	3
35	33	0
2	33	1

36	33	2
2	33	3
37	33	3
2	34	0
38	34	1
2	34	2
39	34	3
2	35	0
40	35	1
2	35	2
41	35	3
2	35	3
42	36	0
2	36	1
43	36	2
2	36	3
44	37	0
2	37	1
45	37	1
2	37	2
46	37	3
2	38	0
47	38	1
2	38	1
48	38	2
2	38	3
49	39	0
2	39	1
50	39	1
2	39	2
51	39	3
2	40	0
52	40	1
2	40	1
53	40	2
2	40	3
54	41	0

31 ½ Sqr.

32	31	3
2	32	0
33	32	1
2	32	2
34	32	3
2	33	0
35	33	1
2	33	2
36	33	3
2	34	0
37	34	1
2	34	1
38	34	2
2	34	3

39	35	0
2	35	1
40	35	2
2	35	3
41	36	0
2	36	1
42	36	1
2	36	2
43	36	3
2	37	0
44	37	1
2	37	2
45	37	3
2	37	3
46	38	0
2	38	1
47	38	2
2	38	3
48	39	0
2	39	0
49	39	1
2	39	2
50	39	3
2	40	0
51	40	0
2	40	1
52	40	2
2	40	3
53	40	3
2	41	0
54	41	1

32 In. Sqr.

2	32	1
33	32	2
2	32	3
34	33	0
2	33	1
35	33	2
2	33	3
36	34	0
2	34	1
37	34	2
2	34	3
38	34	3
2	35	1
39	35	2
2	35	3
40	35	3
2	36	0
41	36	1
2	36	2
42	36	3
2	37	0
43	37	0
2	37	1
44	37	2
2	37	3
45	38	0
2	38	1
46	38	1
2	38	2
47	38	3
2	39	0
48	39	1
2	39	2
49	39	2
2	39	3
50	40	0
2	40	0
51	40	1
2	40	2
52	40	3
2	40	3
53	41	0
2	41	1
54	42	0

32 ½ Sqr.

33	32	3
2	33	0
34	33	1
2	33	2
35	33	3
2	34	0
36	34	1
2	34	2
37	34	3
2	35	0
38	35	1
2	35	2
39	35	2
2	35	3
40	36	0
2	36	1
41	36	2
2	36	3
42	37	0
2	37	1
43	37	2
2	37	2
44	37	3
2	38	0
45	38	1
2	38	2
46	38	3
2	38	3
47	39	0
2	39	1
48	39	2
2	39	3
49	40	0
2	40	0
50	40	1
2	40	2
51	40	3
2	41	0
52	41	0
2	41	1
53	41	2
2	41	3
54	42	0

33 In. Sqr.

2	33	1
34	33	2
2	33	3
35	34	0
2	34	1
36	34	2
2	34	3
37	35	0
2	35	1
38	35	2
2	35	3
39	35	3
2	36	0
40	36	1
2	36	2
41	36	3
2	37	0
42	37	1
2	37	2
43	37	3
2	38	0
44	38	0
2	38	1
45	38	2
2	38	2
46	38	3
2	39	0
47	39	1
2	39	2
48	39	3
2	39	3
49	40	0
2	40	1

50	40	2
2	40	3
51	40	3
2	41	0
52	41	1
2	41	1
53	41	2
2	41	3
54	42	0

33 ½ Sqr.

34	33	3
2	34	0
35	34	1
2	34	2
36	34	3
2	35	0
37	35	1
2	35	2
38	35	3
2	36	0
39	36	1
2	36	2
40	36	2
2	36	3
41	37	0
2	37	1
42	37	2
2	37	3
43	38	0
2	38	1
44	38	2
2	38	2
45	38	3
2	39	0
46	39	1
2	39	2
47	39	3
2	40	0
48	40	0
2	40	1
49	40	2
2	40	3
50	41	0
2	41	1
51	41	1
2	41	2
52	41	3
2	42	0
53	42	1
2	42	1
54	42	2

34 In.Sqr.

2	34	1
35	34	2
2	34	3
36	35	0
2	35	1
37	35	2
2	35	2
38	35	3
2	36	0
39	36	1
2	36	2
40	36	3
2	37	0
41	37	1
2	37	2
42	37	3
2	38	0
43	38	0
2	38	1
44	38	2
2	38	3
45	39	0
2	39	1
46	39	2
2	39	3
47	40	0
2	40	1
48	40	2
2	40	2
49	40	3
2	41	0
50	41	1
2	41	2
51	41	3
2	41	3
52	42	0
2	42	1
53	42	2
2	42	3
54	42	3

34 ½ Sqr.

35	34	3
2	35	0
36	35	1
2	35	2
37	35	3
2	36	0
38	36	1
2	36	2
39	36	3
2	37	0
40	37	1
2	37	2
41	37	2
2	37	3
42	38	0
2	38	1
43	38	2
2	38	3
44	39	0
2	39	1
45	39	2
2	39	2
46	39	3
2	40	0
47	40	1
2	40	2
48	40	3
2	41	0
49	41	0
2	41	1
50	41	2
2	41	3
51	42	0
2	42	1
52	42	1
2	42	2
53	42	3
2	43	0
54	43	1

35 In.Sqr.

2	35	1
36	35	2
2	35	3
37	36	0
2	36	1
38	36	2
2	36	3
39	37	0
2	37	1
40	37	2
2	37	3
41	38	0
2	38	0
42	38	1
2	38	2
43	38	3
2	39	0
44	39	1
2	39	2
45	39	3
2	40	0
46	40	0
2	40	1

47	40	2
2	40	3
48	41	0
2	41	1
49	41	2
2	41	2
50	41	3
2	42	0
51	42	1
2	42	2
52	42	3
2	42	3
53	43	0
2	43	1
54	43	2

35 ½ Sqr.

36	35	3
2	36	0
37	36	1
2	36	2
38	36	3
2	37	0
39	37	1
2	37	2
40	37	3
2	38	0
41	38	1
2	38	2
42	38	2
2	38	3
43	39	0
2	39	1
44	39	2
2	39	3
45	40	0
2	40	1
46	40	2
2	40	2
47	40	3
2	41	0
48	41	1
2	41	2
49	41	3
2	42	0
50	42	1
2	42	1
51	42	2
2	42	3
52	43	0
2	43	1
53	43	1
2	43	2
54	43	3

36 In. Sqr.

2	36	1
37	36	2
2	36	3
38	37	0
2	37	1
39	37	2
2	37	3
40	38	0
2	38	1
41	38	2
2	38	3
42	39	0
2	39	0
43	39	1
2	39	2
44	39	3
2	40	0
45	40	1
2	40	2
46	40	3
2	41	0
47	41	1
2	41	1
48	41	2
2	41	3
49	42	0
2	42	1
50	42	2
2	42	3
51	42	3
2	43	0
52	43	1
2	43	2
53	43	3
2	44	0
54	44	0

36 ½ Sqr.

37	36	3
2	37	0
38	37	1
2	37	2
39	37	3
2	38	0
40	38	1
2	38	2
41	38	3
2	39	0
42	39	1
2	39	2
43	39	2
2	39	3
44	40	0
2	40	1
45	40	2
2	40	3
46	41	0
2	41	1
47	41	2
2	41	3
48	41	3
2	42	0
49	42	1
2	42	2
50	42	3
2	43	0
51	43	1
2	43	1
52	43	2
2	43	3
53	44	0
2	44	0
54	44	1

37 ½ Sqr.

2	37	1
38	37	2
2	37	3
39	38	0
2	38	1
40	38	2
2	38	3
41	39	0
2	39	1
42	39	2
2	39	3
43	40	0
2	40	0
44	40	1
2	40	2
45	40	3
2	41	0
46	41	1
2	41	2
47	41	3
2	42	0
48	42	1
2	42	1
49	42	2
2	42	3
50	43	0
2	43	1
51	43	2
2	43	3
52	43	3
2	44	0

53	44	1
2	44	2
54	44	2
2	44	3

37 ½ Sqr.

38	37	3
2	38	0
39	38	1
2	38	2
40	38	3
2	39	0
41	39	1
2	39	2
42	39	3
2	40	0
43	40	1
2	40	2
44	40	3
2	40	3
45	41	0
2	41	1
46	41	2
2	41	3
47	42	0
2	42	1
48	42	2
2	42	3
49	42	3
2	43	0
50	43	1
2	43	2
51	43	3
2	44	0
52	44	1
2	44	1
53	44	2
2	44	3
54	45	0

38 In. Sqr.

2	38	1
39	38	2
2	38	3
40	39	0
2	39	1
41	39	2
2	39	3
42	40	0
2	40	1
43	40	2
2	40	3
44	41	0
2	41	0
45	41	1
2	41	2
46	41	3
2	42	0
47	42	1
2	42	1
48	42	2
2	42	3
49	43	0
2	43	1
50	43	2
2	43	3
51	44	0
2	44	0
52	44	1
2	44	2
53	44	3
2	45	0
54	45	1

38 ½ Sqr.

39	38	3
2	39	0
40	39	1
2	39	2
41	39	3
2	40	0
42	40	1
2	40	2
43	40	3
2	41	0
44	41	1
2	41	2
45	41	2
2	41	3
46	42	0
2	42	1
47	42	2
2	42	3
48	43	0
2	43	1
49	43	2
2	43	3
50	43	3
2	44	0
51	44	1
2	44	2
52	44	3
2	45	0
53	45	1
2	45	1
54	45	2

39 In.Sqr.

2	39	1
40	39	2
2	39	3
41	40	0
2	40	1
42	40	2
2	40	3
43	41	0
2	41	1
44	41	2
2	41	3
45	42	0
2	42	0
4	42	1
2	42	2
47	42	3
2	43	0
48	43	1
2	43	2
49	33	3
2	44	0
50	44	1
2	44	1
51	44	2
2	44	3
52	45	0
2	45	1
53	45	2
2	45	3
54	46	0

39 ½ Sqr.

40	39	3
2	40	0
41	40	1
2	40	2
42	40	3
2	41	0
43	41	1
2	41	2
44	41	3
2	42	0
45	42	1
2	42	2
46	42	3
2	42	3
47	43	0
2	43	1
48	43	2
2	43	3
49	44	0
2	44	1

50	44	2
2	44	3
51	45	0
2	45	0
52	45	1
2	45	2
53	45	3
2	46	0
54	46	1

40 In.Sqr.

2	40	1
41	40	2
2	40	3
42	41	0
2	41	1
43	41	2
2	41	3
44	42	0
2	42	1
45	42	2
2	42	3
46	43	0
2	43	1
47	43	1
2	43	2
48	43	3
2	44	0
49	44	1
2	44	2
50	44	3
2	45	0
51	45	1
2	45	2
52	45	2
2	45	3
53	46	0
2	46	1
54	46	2

40 $\frac{1}{2}$ Sqr.

41	40	3
2	41	0
42.	41	1
2	41	2
43	41	3
2	42	0
44	42	1
2	42	2
45	42	3
2	43	0
46	43	1
2	43	2

47	43	2
2	43	3
48	44	0
2	44	1
49	44	2
2	44	3
50	45	0
2	45	1
51	45	2
2	45	3
52	46	0
2	46	0
53	46	1
2	46	2
54	46	3

41 In.Sqr

2	41	1
42	41	2
2	41	3
43	42	0
2	42	1
44	42	2
2	42	3
45	43	0
2	43	1
46	43	2
2	43	3
47	44	0
2	44	1
48	44	1
2	44	2
49	44	3
2	45	0
50	45	1
2	45	2
51	45	3
2	46	0
52	46	1
2	46	2
53	46	2
2	46	3
54	47	0

41 $\frac{1}{2}$ Sqr.

42	41	3
2	42	0
43	42	1
2	42	2
44	42	3
2	43	0
45	43	1
2	43	2

46	43	3
2	44	0
47	44	1
2	44	2
48	44	3
2	44	3
49	45	0
2	45	1
50	45	2
2	45	3
51	46	0
2	46	1
52	46	2
2	46	3
53	47	0
2	47	0
54	47	1

42 In.Sqr.

2	42	1
43	42	2
2	42	3
44	43	0
2	43	1
45	43	2
2	43	3
46	44	0
2	44	1
47	44	2
2	44	3
48	45	0
2	45	1
49	45	1
2	45	2
50	45	3
2	46	0
51	46	1
2	46	2
52	46	3
2	47	0
53	47	1
2	47	2
54	47	2

42 $\frac{1}{2}$ Sqr.

43	42	3
2	43	0
44	43	1
2	43	2
45	43	3
2	44	0
46	44	1
2	44	2

47	44	3
2	45	0
48	45	1
2	45	2
49	45	2
2	45	3
50	46	0
2	46	1
51	46	2
2	46	3
52	47	0
2	47	1
53	47	2
2	47	3
54	48	0

43 In. Sqr.

2	43	1
44	43	2
2	43	3
45	44	0
2	44	1
46	44	2
2	44	3
47	45	0
2	45	1
48	45	2
2	45	3
49	46	0
2	46	1
50	46	1
2	46	2
51	46	3
2	47	0
52	47	1
2	47	2
53	47	3
2	48	0
54	48	1

43 ½ Sqr.

44	43	3
2	44	0
45	44	1
2	44	2
46	44	3
2	45	0
47	45	1
2	45	2
48	45	3
2	46	0
49	46	1
2	46	2
50	46	3
2	46	3
51	47	0
2	47	1
52	47	2
2	47	3
53	48	0
2	48	1
54	48	2

44 In. Sqr.

2	44	1
45	44	2
2	44	3
46	45	0
2	45	1
47	45	2
2	45	3
48	46	0
2	46	1
49	46	2
2	46	3
50	47	0
2	47	1
51	47	1
2	47	2
52	47	3
2	48	0
53	48	1
2	48	2
54	48	3

44 ½ Sqr.

45	44	3
2	45	0
46	45	1
2	45	2
47	45	3
2	46	0
48	46	1
2	46	2
49	46	3
2	47	0
50	47	1
2	47	2
51	47	3
2	47	3
52	48	0
2	48	1
53	48	2
2	48	3
54	49	0

45 In. Sqr.

2	45	1
46	45	2
2	45	3
47	46	0
2	46	1
48	46	2
2	46	3
49	47	0
2	47	1
50	47	2
2	47	3
51	48	0
2	48	1
52	48	1
2	48	2
53	48	3
2	49	0
54	49	1

45 ½ Sqr.

46	45	3
2	46	0
47	46	1
2	46	2
48	46	3
2	47	0
49	47	1
2	47	2
50	47	3
2	48	0
51	48	1
2	48	2
52	48	3
2	48	3
53	49	0
2	49	1
54	49	2

46 In. Sqr.

2	46	1
47	46	2
2	46	3
48	47	0
2	47	1
49	47	2
2	47	3
50	48	0
2	48	1
51	48	2
2	48	3
52	49	0
2	49	0

53	49	1
2	49	2
54	49	3

46 ½ Sqr.

47	46	3
2	47	0
48	47	1
2	47	2
49	47	3
2	48	0
50	48	1
2	48	2
51	48	3
2	49	0
52	49	1
2	49	2
53	49	3
2	49	3
54	50	0

47 In Sqr.

2	47	1
48	47	2
2	47	3
49	48	0
2	48	1
50	48	2
2	48	3
51	49	0
2	49	1
52	49	2
2	49	3
53	50	0
2	50	1
54	50	2

47 ½ Sqr.

48	47	3
2	48	0
49	48	1
2	48	2
50	48	3
2	49	0
51	49	1
2	49	2
52	49	3
2	50	0
53	50	1
2	50	2
54	50	3

48In. Sqr.

2	48	1
49	48	2
2	48	3
50	49	0
2	49	1
51	49	2
2	49	3
52	50	0
2	50	1
53	50	2
2	50	3
54	51	0

48 ½ Sqr.

49	48	3
2	49	0
50	49	1
2	49	2
51	49	3
2	50	0
52	50	1
2	50	2
53	50	3
2	51	0
54	51	1

49 In. Sqr.

2	49	1
50	49	2
2	49	3
51	50	0
2	50	1
52	50	2
2	50	3
53	51	0
2	51	1
54	51	2

49 ½ Sqr.

50	49	3
2	50	0
51	50	1
2	50	2
52	50	3
2	51	0
53	51	1
2	51	2
54	51	3

50 In.Sqr.

2	50	1
51	50	2
2	50	3
52	51	0
2	51	1
53	51	2
2	51	3
54	52	0

50 ½ Sqr.

51	50	3
2	51	0
52	51	1
2	51	2
53	51	3
2	52	0
54	52	1

51 In. Sqr.

2	51	1
52	51	2
2	51	3
53	52	0
2	52	1
54	52	2

51 ½ Sqr.

52	51	3
2	52	0
53	52	1
2	52	2
54	52	3

52 In Sqr.

2	52	1
53	52	2
2	52	3
54	53	0

52 ½ Sqr.

53	52	3
2	53	0
54	53	1

53 In. Sqr.

2	53	1
54	53	2

53 ½ Sqr.

54	53	3

54 In.Sqr.

A NEW

TABLE

OF

SOLID MEASURE,

Ready caſt up,

Whereby the *Solid Content*, and conſequently the *Value* of any Piece or Quantity of *Timber*, *Stone*, *&c.* may be found, AT SIGHT, from 2 *Inches* to 54 *Inches*, *the Side* of the *Square*, (or *one Fourth* of the *Girt* ;) and from *one Quarter* of a *Foot* to 45 *Feet* the *Length* :

And therefore, by *Addition* only, may ſerve to any greater *Square* or *Length* if there ſhould ever be Occaſion.

☞ See this Table *explained* on *Page* XXV.

Ft. long	Side 2 Inches.			Ft. long	Side 2 Inches.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	4	1	0	0	5
2	0	0	8	2	0	0	10
3	0	1	0	3	0	1	3
4	0	1	4	4	0	1	8
5	0	1	8	5	0	2	1
6	0	2	0	6	0	2	6
7	0	2	4	7	0	2	11
8	0	2	8	8	0	3	4
9	0	3	0	9	0	3	9
10	0	3	4	10	0	4	2
11	0	3	8	11	0	4	7
12	0	4	0	12	0	5	0
13	0	4	4	13	0	5	5
14	0	4	8	14	0	5	10
15	0	5	0	15	0	6	3
16	0	5	4	16	0	6	9
17	0	5	8	17	0	7	2
18	0	6	0	18	0	7	7
19	0	6	4	19	0	8	0
20	0	6	8	20	0	8	5
21	0	7	0	21	0	8	10
22	0	7	4	22	0	9	3
23	0	7	8	23	0	9	8
24	0	8	0	24	0	10	1
25	0	8	4	25	0	10	6
26	0	8	8	26	0	10	11
27	0	9	0	27	0	11	4
28	0	9	4	28	0	11	9
29	0	9	8	29	1	0	2
30	0	10	0	30	1	0	7
31	0	10	4	31	1	1	0
32	0	10	8	32	1	1	6
33	0	11	0	33	1	1	11
34	0	11	4	34	1	2	4
35	0	11	8	35	1	2	9
36	1	0	0	36	1	3	2
37	1	0	4	37	1	3	7
38	1	0	8	38	1	4	0
39	1	1	0	39	1	4	5
40	1	1	4	40	1	4	10
41	1	1	8	41	1	5	3
42	1	2	0	42	1	5	8
43	1	2	4	43	1	6	1
44	1	2	8	44	1	6	6
45	1	3	0	45	1	6	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	0	1	0	$\frac{1}{4}$	0	0	1	3
$\frac{1}{2}$	0	0	2	0	$\frac{1}{2}$	0	0	2	6
$\frac{3}{4}$	0	0	3	0	$\frac{3}{4}$	0	0	3	9

Ft. long	Side 2 ½			*Ft. long*	Side 2 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	6	1	0	0	7
2	0	1	0	2	0	1	3
3	0	1	6	3	0	1	10
4	0	2	1	4	0	2	6
5	0	2	7	5	0	3	1
6	0	3	1	6	0	3	9
7	0	3	7	7	0	4	4
8	0	4	2	8	0	5	0
9	0	4	8	9	0	5	8
10	0	5	2	10	0	6	3
11	0	5	8	11	0	6	11
12	0	6	3	12	0	7	6
13	0	6	9	13	0	8	2
14	0	7	3	14	0	8	9
15	0	7	9	15	0	9	5
16	0	8	4	16	0	10	1
17	0	8	10	17	0	10	8
18	0	9	4	18	0	11	4
19	0	9	10	19	0	11	11
20	0	10	5	20	1	0	7
21	0	10	11	21	1	1	2
22	0	11	5	22	1	1	10
23	0	11	11	23	1	2	5
24	1	0	6	24	1	3	1
25	1	1	0	25	1	3	9
26	1	1	6	26	1	4	4
27	1	2	0	27	1	5	0
28	1	2	7	28	1	5	7
29	1	3	1	29	1	6	3
30	1	3	7	30	1	6	10
31	1	4	1	31	1	7	6
32	1	4	8	32	1	8	2
33	1	5	2	33	1	8	9
34	1	5	8	34	1	9	5
35	1	6	2	35	1	10	0
36	1	6	9	36	1	10	8
37	1	7	3	37	1	11	3
38	1	7	9	38	1	11	4
39	1	8	3	39	2	0	6
40	1	8	10	40	2	1	2
41	1	9	4	41	2	1	10
42	1	9	10	42	2	2	5
43	1	10	4	43	2	3	1
44	1	10	11	44	2	3	8
45	1	11	5	45	2	4	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	1	6	¼	0	0	1	9
½	0	0	3	0	½	0	0	3	6
¾	0	0	4	6	¾	0	0	5	3

Ft. long	Side 3 Inches.			Ft. long	Side 3 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	9	1	0	0	10
2	0	1	6	2	0	1	9
3	0	2	3	3	0	2	7
4	0	3	0	4	0	3	6
5	0	3	9	5	0	4	4
6	0	4	6	6	0	5	3
7	0	5	3	7	0	6	1
8	0	6	0	8	0	7	0
9	0	6	9	9	0	7	11
10	0	7	6	10	0	8	9
11	0	8	3	11	0	9	8
12	0	9	0	12	0	10	6
13	0	9	9	13	0	11	5
14	0	10	6	14	1	0	3
15	0	11	3	15	1	1	2
16	1	0	0	16	1	2	1
17	1	0	9	17	1	2	11
18	1	1	6	18	1	3	10
19	1	2	3	19	1	4	8
20	1	3	0	20	1	5	7
21	1	3	9	21	1	6	5
22	1	4	6	22	1	7	4
23	1	5	3	23	1	8	2
24	1	6	0	24	1	9	1
25	1	6	9	25	1	10	0
26	1	7	6	26	1	10	10
27	1	8	3	27	1	11	9
28	1	9	0	28	2	0	7
29	1	9	9	29	2	1	6
30	1	10	6	30	2	2	4
31	1	11	3	31	2	3	3
32	2	0	0	32	2	4	2
33	2	0	9	33	2	5	0
34	2	1	6	34	2	5	11
35	2	2	3	35	2	6	9
36	2	3	0	36	2	7	8
37	2	3	9	37	2	8	6
38	2	4	6	38	2	9	5
39	2	5	3	39	2	10	3
40	2	6	0	40	2	11	2
41	2	6	9	41	3	0	1
42	2	7	6	42	3	0	11
43	2	8	3	43	3	1	10
44	2	9	0	44	3	2	8
45	2	9	9	45	3	3	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	2	3	¼	0	0	2	6
½	0	0	4	6	½	0	0	5	0
¾	0	0	6	0	¾	0	0	7	6

Ft. long	Side 3 ½		
	Ft.	In.	Pa.
1	0	1	0
2	0	2	0
3	0	3	0
4	0	4	1
5	0	5	1
6	0	6	1
7	0	7	1
8	0	8	2
9	0	9	2
10	0	10	2
11	0	11	2
12	1	0	3
13	1	1	3
14	1	2	3
15	1	3	3
16	1	4	4
17	1	5	4
18	1	6	4
19	1	7	4
20	1	8	5
21	1	9	5
22	1	10	5
23	1	11	5
24	2	0	6
25	2	1	6
26	2	2	6
27	2	3	6
28	2	4	7
29	2	5	7
30	2	6	7
31	2	7	7
32	2	8	8
33	2	9	8
34	2	10	8
35	2	11	8
36	3	0	9
37	3	1	9
38	3	2	9
39	3	3	9
40	3	4	10
41	3	5	10
42	3	6	10
43	3	7	10
44	3	8	11
45	3	9	11

Quarters of a *Foot*

	Ft.	In	Pa	S
¼	0	0	3	0
½	0	0	6	0
¾	0	0	9	0

Ft. long	Side 3 ¾		
	Ft.	In.	Pa.
1	0	1	2
2	0	2	4
3	0	3	6
4	0	4	8
5	0	5	10
6	0	7	0
7	0	8	2
8	0	9	4
9	0	10	6
10	0	11	8
11	1	0	10
12	1	2	0
13	1	3	2
14	1	4	4
15	1	5	6
16	1	6	9
17	1	7	11
18	1	9	1
19	1	10	3
20	1	11	5
21	2	0	7
22	2	1	9
23	2	2	11
24	2	4	1
25	2	5	3
26	2	6	5
27	2	7	7
28	2	8	9
29	2	9	11
30	2	11	1
31	3	0	3
32	3	1	6
33	3	2	8
34	3	3	10
35	3	5	0
36	3	6	2
37	3	7	4
38	3	8	6
39	3	9	8
40	3	10	10
41	4	0	0
42	4	1	2
43	4	2	4
44	4	3	6
45	4	4	8

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.
¼	0	0	3	6
½	0	0	7	0
¾	0	0	10	6

Ft. long	Side 4 Inches.			Ft. long	Side 4 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	4	1	0	1	6
2	0	2	8	2	0	3	0
3	0	4	0	3	0	4	6
4	0	5	4	4	0	6	0
5	0	6	8	5	0	7	6
6	0	8	0	6	0	9	0
7	0	9	4	7	0	10	6
8	0	10	8	8	1	0	0
9	1	0	0	9	1	1	6
10	1	1	4	10	1	3	0
11	1	2	8	11	1	4	6
12	1	4	0	12	1	6	0
13	1	5	4	13	1	7	6
14	1	6	8	14	1	9	0
15	1	8	0	15	1	10	6
16	1	9	4	16	2	0	1
17	1	10	8	17	2	1	7
18	2	0	0	18	2	3	1
19	2	1	4	19	2	4	7
20	2	2	8	20	2	6	1
21	2	4	0	21	2	7	7
22	2	5	4	22	2	9	1
23	2	6	8	23	2	10	7
24	2	8	0	24	3	0	1
25	2	9	4	25	3	1	7
26	2	10	8	26	3	3	1
27	3	0	0	27	3	4	7
28	3	1	4	28	3	6	1
29	3	2	8	29	3	7	7
30	3	4	0	30	3	9	1
31	3	5	4	31	3	10	7
32	3	6	8	32	4	0	2
33	3	8	0	33	4	1	8
34	3	9	4	34	4	3	2
35	3	10	8	35	4	4	8
36	4	0	0	36	4	6	2
37	4	1	4	37	4	7	8
38	4	2	8	38	4	9	2
39	4	4	0	39	4	10	8
40	4	5	4	40	5	0	2
41	4	6	8	41	5	1	8
42	4	8	0	42	5	3	2
43	4	9	4	43	5	4	8
44	4	10	8	44	5	6	2
45	5	0	0	45	5	7	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	4	0	¼	0	0	4	6
½	0	0	8	0	½	0	0	9	0
¾	0	1	0	0	¾	0	1	1	6

Ft. long	Side 4 ½			*Ft. long*	Side 4 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	8	1	0	1	10
2	0	3	4	2	0	3	9
3	0	5	0	3	0	5	7
4	0	6	9	4	0	7	6
5	0	8	5	5	0	9	4
6	0	10	1	6	0	11	3
7	0	11	9	7	1	1	1
8	1	1	6	8	1	3	0
9	1	2	2	9	1	4	11
10	1	4	10	10	1	6	9
11	1	6	6	11	1	8	8
12	1	8	3	12	1	10	6
13	1	9	11	13	2	0	5
14	1	11	7	14	2	2	3
15	2	1	3	15	2	4	2
16	2	3	0	16	2	6	1
17	2	4	8	17	2	7	11
18	2	6	4	18	2	9	10
19	2	8	0	19	2	11	8
20	2	9	9	20	3	1	7
21	2	11	5	21	3	3	5
22	3	1	1	22	3	5	4
23	3	2	9	23	3	7	2
24	3	4	6	24	3	9	1
25	3	6	2	25	3	11	0
26	3	7	10	26	4	0	10
27	3	9	6	27	4	2	9
28	3	11	3	28	4	4	7
29	4	0	11	29	4	6	6
30	4	2	7	30	4	8	4
31	4	4	3	31	4	10	3
32	4	6	0	32	5	0	2
33	4	7	8	33	5	2	0
34	4	9	4	34	5	3	11
35	4	11	0	35	5	5	9
36	5	0	9	36	5	7	8
37	5	2	5	37	5	9	6
38	5	4	1	38	5	11	5
39	5	5	9	39	6	1	3
40	5	7	6	40	6	3	2
41	5	9	2	41	6	5	1
42	5	10	10	42	6	6	11
43	6	0	6	43	6	8	10
44	6	2	3	44	6	10	8
45	6	3	11	45	7	0	7

	Quarters of a Foot.					*Quarters of a Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	5	0	¼	0	0	5	6
½	0	0	10	0	½	0	0	11	0
¾	0	1	3	0	¾	0	1	4	6

Ft. long	Side 5 Inches.			Ft. long	Side 5 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	1	1	0	2	3
2	0	4	2	2	0	4	7
3	0	6	3	3	0	6	10
4	0	8	4	4	0	9	2
5	0	10	5	5	0	11	5
6	1	0	6	6	1	1	9
7	1	2	7	7	1	4	0
8	1	4	8	8	1	6	4
9	1	6	9	9	1	8	8
10	1	8	10	10	1	10	11
11	1	10	11	11	2	1	3
12	2	1	0	12	2	3	6
13	2	3	1	13	2	5	10
14	2	5	2	14	2	8	1
15	2	7	3	15	2	10	5
16	2	9	4	16	3	0	9
17	2	11	5	17	3	3	0
18	3	1	6	18	3	5	4
19	3	3	7	19	3	7	7
20	3	5	8	20	3	9	11
21	3	7	9	21	4	0	2
22	3	9	10	22	4	2	6
23	3	11	11	23	4	4	9
24	4	2	0	24	4	7	1
25	4	4	1	25	4	9	5
26	4	6	2	26	4	11	8
27	4	8	3	27	5	2	0
28	4	10	4	28	5	4	3
29	5	0	5	29	5	6	7
30	5	2	6	30	5	8	10
31	5	4	7	31	5	11	2
32	5	6	8	32	6	1	6
33	5	8	9	33	6	3	9
34	5	10	10	34	6	6	1
35	6	0	11	35	6	8	4
36	6	3	0	36	6	10	8
37	6	5	1	37	7	0	11
38	6	7	2	38	7	3	3
39	6	9	3	39	7	5	6
40	6	11	4	40	7	7	10
41	7	1	5	41	7	10	2
42	7	3	6	42	8	0	5
43	7	5	7	43	8	2	9
44	7	7	8	44	8	5	0
45	7	9	9	45	8	7	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	0	6	3	$\frac{1}{4}$	0	0	6	9
$\frac{1}{2}$	0	1	0	6	$\frac{1}{2}$	0	1	1	6
$\frac{3}{4}$	0	1	6	9	$\frac{3}{4}$	0	1	8	3

Ft. long	Side 5 ½			Ft. long	Side 5 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa
1	0	2	6	1	0	2	9
2	0	5	0	2	0	5	6
3	0	7	6	3	0	8	3
4	0	10	1	4	0	11	0
5	1	0	7	5	1	1	9
6	1	3	1	6	1	4	6
7	1	5	7	7	1	7	3
8	1	8	2	8	1	10	0
9	1	10	8	9	2	0	9
10	2	1	2	10	2	3	6
11	2	3	8	11	2	6	3
12	2	6	3	12	2	9	0
13	2	8	9	13	2	11	9
14	2	11	3	14	3	2	6
15	3	1	9	15	3	5	3
16	3	4	4	16	3	8	1
17	3	6	10	17	3	10	10
18	3	9	4	18	4	1	7
19	3	11	10	19	4	4	4
20	4	2	5	20	4	7	1
21	4	4	11	21	4	9	10
22	4	7	5	22	5	0	7
23	4	9	11	23	5	3	4
24	5	0	6	24	5	6	1
25	5	3	0	25	5	8	10
26	5	5	6	26	5	11	7
27	5	8	0	27	6	2	4
28	5	10	6	28	6	5	1
29	6	1	1	29	6	7	10
30	6	3	7	30	6	10	7
31	6	6	1	31	7	1	4
32	6	8	8	32	7	4	2
33	6	11	2	33	7	6	11
34	7	1	8	34	7	9	8
35	7	4	2	35	8	0	5
36	7	6	9	36	8	3	2
37	7	9	3	37	8	5	11
38	7	11	9	38	8	8	8
39	8	2	3	39	8	11	5
40	8	4	10	40	9	2	2
41	8	7	4	41	9	4	11
42	8	9	10	42	9	7	8
43	9	0	4	43	9	10	5
44	9	2	11	44	10	1	2
45	9	5	5	45	10	3	11

Quarters of a Foot.					Quarters of a Foot.				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	7	6	¼	0	0	8	3
½	0	1	3	0	½	0	1	4	6
¾	0	1	10	6	¾	0	2	0	9

Ft. long	Side 6 Inches.		
	Ft.	In.	Pa.
1	0	3	0
2	0	6	0
3	0	9	0
4	1	0	0
5	1	3	0
6	1	6	0
7	1	9	0
8	2	0	0
9	2	3	0
10	2	6	0
11	2	9	0
12	3	0	0
13	3	3	0
14	3	6	0
15	3	9	0
16	4	0	0
17	4	3	0
18	4	6	0
19	4	9	0
20	5	0	0
21	5	3	0
22	5	6	0
23	5	9	0
24	6	0	0
25	6	3	0
26	6	6	0
27	6	9	0
28	7	0	0
29	7	3	0
30	7	6	0
31	7	9	0
32	8	0	0
33	8	3	0
34	8	6	0
35	8	9	0
36	9	0	0
37	9	3	0
38	9	6	0
39	9	9	0
40	10	0	0
41	10	3	0
42	10	6	0
43	10	9	0
44	11	0	0
45	11	3	0

Quarters of a *Foot*.

	Ft	In	Pa.	S.
¼	0	0	9	0
½	0	1	6	0
¾	0	2	3	0

Ft. long	Side 6 ¼		
	Ft.	In.	Pa.
1	0	3	3
2	0	6	6
3	0	9	9
4	1	1	0
5	1	4	3
6	1	7	6
7	1	10	9
8	2	2	0
9	2	5	3
10	2	8	6
11	2	11	9
12	3	3	0
13	3	6	3
14	3	9	6
15	4	0	9
16	4	4	1
17	4	7	4
18	4	10	7
19	5	1	10
20	5	5	1
21	5	8	4
22	5	11	7
23	6	2	10
24	6	6	1
25	6	9	4
26	7	0	7
27	7	3	10
28	7	7	1
29	7	10	4
30	8	1	7
31	8	4	10
32	8	8	2
33	8	11	5
34	9	2	8
35	9	5	11
36	9	9	2
37	10	0	5
38	10	3	8
39	10	6	11
40	10	10	2
41	11	1	5
42	11	4	8
43	11	7	11
44	11	11	2
45	12	2	5

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.
¼	0	0	9	9
½	0	1	7	6
¾	0	2	5	3

Ft. long	Side 6 ½			Ft. long	Side 6 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	3	6	1	0	3	9
2	0	7	0	2	0	7	7
3	0	10	6	3	0	11	4
4	1	2	1	4	1	3	2
5	1	5	7	5	1	6	11
6	1	9	1	6	1	10	9
7	2	0	7	7	2	2	6
8	2	4	2	8	2	6	4
9	2	7	8	9	2	10	2
10	2	11	2	10	3	1	11
11	3	2	8	11	3	5	9
12	3	6	3	12	3	9	6
13	3	9	9	13	4	1	4
14	4	1	3	14	4	5	1
15	4	4	9	15	4	8	11
16	4	8	4	16	5	0	9
17	4	11	10	17	5	4	6
18	5	3	4	18	5	8	4
19	5	6	10	19	6	0	1
20	5	10	5	20	6	3	11
21	6	1	11	21	6	7	8
22	6	5	5	22	6	11	6
23	6	8	11	23	7	3	3
24	7	0	6	24	7	7	1
25	7	4	0	25	7	10	11
26	7	7	6	26	8	2	8
27	7	11	0	27	8	6	6
28	8	2	7	28	8	10	3
29	8	6	1	29	9	2	1
30	8	9	7	30	9	5	10
31	9	1	1	31	9	9	8
32	9	4	8	32	10	1	6
33	9	8	2	33	10	5	5
34	9	11	8	34	10	9	1
35	10	3	2	35	11	0	10
36	10	6	9	36	11	4	8
37	10	10	3	37	11	8	5
38	11	1	9	38	12	0	3
39	11	5	3	39	12	4	0
40	11	8	10	40	12	7	10
41	12	0	4	41	12	11	8
42	12	3	10	42	13	3	5
43	12	7	4	43	13	7	3
44	12	10	11	44	13	11	0
45	13	2	5	45	14	2	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	10	6	¼	0	0	11	3
½	0	1	9	0	½	0	1	10	6
¾	0	2	7	6	¾	0	2	9	0

Ft. long	Side 7 Inches.			*Ft. long*	Side 7 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	1	1	0	4	4
2	0	8	2	2	0	8	9
3	1	0	3	3	1	1	1
4	1	4	4	4	1	5	6
5	1	8	5	5	1	9	10
6	2	0	6	6	2	2	3
7	2	4	7	7	2	6	7
8	2	8	8	8	2	11	0
9	3	0	9	9	3	3	5
10	3	4	10	10	3	7	9
11	3	8	11	11	4	0	2
12	4	1	0	12	4	4	6
13	4	5	1	13	4	8	11
14	4	9	2	14	5	1	3
15	5	1	3	15	5	5	8
16	5	5	4	16	5	10	1
17	5	9	5	17	6	2	5
18	6	1	6	18	6	6	10
19	6	5	7	19	6	11	2
20	6	9	8	20	7	3	7
21	7	1	9	21	7	7	11
22	7	5	10	22	8	0	4
23	7	9	11	23	8	4	8
24	8	2	0	24	8	9	1
25	8	6	1	25	9	1	6
26	8	10	2	26	9	5	10
27	9	2	3	27	9	10	3
28	9	6	4	28	10	2	7
29	9	10	5	29	10	7	0
30	10	2	6	30	10	11	4
31	10	6	7	31	11	3	9
32	10	10	8	32	11	8	2
33	11	2	9	33	12	0	6
34	11	6	10	34	12	4	11
35	11	10	11	35	12	9	3
36	12	3	0	36	13	1	8
37	12	7	1	37	13	6	0
38	12	11	2	38	13	10	5
39	13	3	3	39	14	2	9
40	13	7	4	40	14	7	2
41	13	11	5	41	14	11	7
42	14	3	6	42	15	3	11
43	14	7	7	43	15	8	4
44	14	11	8	44	16	0	8
45	15	3	9	45	16	5	1

Quarters of a Foot.					*Quarters of a Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	1	0	3	¼	0	1	1	0
½	0	2	0	6	½	0	2	2	0
¾	0	3	0	9	¾	0	3	3	0

Ft. long	Side 7 ½		
	Ft.	In.	Pa.
1	0	4	8
2	0	9	4
3	1	2	0
4	1	6	9
5	1	11	5
6	2	4	1
7	2	8	9
8	3	1	6
9	3	6	2
10	3	10	10
11	4	3	6
12	4	8	3
13	5	0	11
14	5	5	7
15	5	10	3
16	6	3	0
17	6	7	8
18	7	0	4
19	7	5	0
20	7	9	9
21	8	2	5
22	8	7	1
23	8	11	9
24	9	4	6
25	9	9	2
26	10	1	10
27	10	6	6
28	10	11	3
29	11	3	11
30	11	8	7
31	12	1	3
32	12	6	0
33	12	10	8
34	13.	3	4
35	13	8	0
36	14	0	9
37	14	5	5
38	14	10	1
39	15	2	9
40	15	7	6
41	16	0	2
42	16	4	10
43	16	9	6
44	17	2	3
45	17	6	11

Quarters of a *Foot*

	Ft.	In	Pa	S
¼	0	1	2	0
½	0	2	4	0
¾	0	3	6	0

Ft. long	Side 7 ¾		
	Ft.	In.	Pa.
1	0	5	0
2	0	10	0
3	1	3	0
4	1	8	0
5	2	1	0
6	2	6	0
7	2	11	0
8	3	4	0
9	3	9	0
10	4	2	0
11	4	7	0
12	5	0	0
13	5	5	0
14	5	10	0
15	6	3	0
16	6	8	1
17	7	1	1
18	7	6	1
19	7	11	1
20	8	4	1
21	8	9	1
22	9	2	1
23	9	7	1
24	10	0	1
25	10	5	1
26	10	10	1
27	11	3	1
28	11	8	1
29	12	1	1
30	12	6	1
31	12	11	1
32	13	4	2
33	13	9	2
34	14	2	2
35	14	7	2
36	15	0	2
37	15	5	2
38	15	10	2
39	16	3	2
40	16	8	2
41	17	1	2
42	17	6	2
43	17	11	2
44	18	4	2
45	18	9	2

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	0	1	3	0
½	0	3	6	0
¾	0	3	9	0

Ft. long	Side 8 Inches.			Ft. long	Side 8 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	5	4	1	0	5	8
2	0	10	8	2	0	11	4
3	1	4	0	3	1	5	0
4	1	9	4	4	1	10	8
5	2	2	8	5	2	4	4
6	2	8	0	6	2	10	0
7	3	1	4	7	3	3	8
8	3	6	8	8	3	9	4
9	4	0	0	9	4	3	0
10	4	5	4	10	4	8	8
11	4	10	8	11	5	2	4
12	5	4	0	12	5	8	0
13	5	9	4	13	6	1	8
14	6	2	8	14	6	7	4
15	6	8	0	15	7	1	0
16	7	1	4	16	7	6	9
17	7	6	8	17	8	0	5
18	8	0	0	18	8	6	1
19	8	5	4	19	8	11	9
20	8	10	8	20	9	5	5
21	9	4	0	21	9	11	1
22	9	9	4	22	10	4	9
23	10	2	8	23	10	10	5
24	10	8	0	24	11	4	1
25	11	1	4	25	11	9	9
26	11	6	8	26	12	3	5
27	12	0	0	27	12	9	1
28	12	5	4	28	13	2	9
29	12	10	8	29	13	8	5
30	13	4	0	30	14	2	1
31	13	9	4	31	14	7	9
32	14	2	8	32	15	1	6
33	14	8	0	33	15	7	2
34	15	1	4	34	16	0	10
35	15	6	8	35	16	6	6
36	16	0	0	36	17	0	2
37	16	5	4	37	17	5	10
38	16	10	8	38	17	11	6
39	17	4	0	39	18	5	2
40	17	9	4	40	18	10	10
41	18	2	8	41	19	4	6
42	18	8	0	42	19	10	2
43	19	1	4	43	20	3	10
44	19	6	8	44	20	9	6
45	20	0	0	45	21	3	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	1	4	0	$\frac{1}{4}$	0	1	5	0
$\frac{1}{2}$	0	2	8	0	$\frac{1}{2}$	0	2	10	0
$\frac{3}{4}$	0	4	0	0	$\frac{3}{4}$	0	4	3	0

Ft. long	Side 8 $\frac{1}{2}$			Ft. long	Side 8 $\frac{3}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	0	1	0	6	4
2	1	0	0	2	1	0	9
3	1	6	0	3	1	7	1
4	2	0	1	4	2	1	6
5	2	6	1	5	2	7	10
6	3	0	1	6	3	2	3
7	3	6	1	7	3	8	7
8	4	0	2	8	4	3	0
9	4	6	2	9	4	9	5
10	5	0	2	10	5	3	9
11	5	6	2	11	5	10	2
12	6	0	3	12	6	4	6
13	6	6	3	13	6	10	11
14	7	0	3	14	7	5	3
15	7	6	3	15	7	11	8
16	8	0	4	16	8	6	1
17	8	6	4	17	9	0	5
18	9	0	4	18	9	6	10
19	9	6	4	19	10	1	2
20	10	0	5	20	10	7	7
21	10	6	5	21	11	1	11
22	11	0	5	22	11	8	4
23	11	6	5	23	12	2	8
24	12	0	6	24	12	9	1
25	12	6	6	25	13	3	6
26	13	0	6	26	13	9	10
27	13	6	6	27	14	4	3
28	14	0	7	28	14	10	7
29	14	6	7	29	15	5	0
30	15	0	7	30	15	11	4
31	15	6	7	31	16	5	9
32	16	0	8	32	17	0	2
33	16	6	8	33	17	6	6
34	17	0	8	34	18	0	11
35	17	6	8	35	18	7	3
36	18	0	9	36	19	1	8
37	18	6	9	37	19	8	0
38	19	0	9	38	20	2	5
39	19	6	9	39	20	8	9
40	20	0	10	40	21	3	2
41	20	6	10	41	21	9	7
42	21	0	10	42	22	3	11
43	21	6	10	43	22	10	4
44	22	0	11	44	23	4	8
45	22	6	11	45	23	11	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	1	6	0	$\frac{1}{4}$	0	1	7	0
$\frac{1}{2}$	0	3	0	0	$\frac{1}{2}$	0	3	2	0
$\frac{3}{4}$	0	4	6	0	$\frac{3}{4}$	0	4	9	0

Ft. long	Side 9 Inches.			Ft. long	Side 9 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	9	1	0	7	1
2	1	1	6	2	1	2	3
3	1	8	3	3	1	9	4
4	2	3	0	4	2	4	6
5	2	9	9	5	2	11	7
6	3	4	6	6	3	6	9
7	3	11	3	7	4	1	10
8	4	6	0	8	4	9	0
9	5	0	9	9	5	4	2
10	5	7	6	10	5	11	3
11	6	2	3	11	6	6	5
12	6	9	0	12	7	1	6
13	7	3	9	13	7	8	8
14	7	10	6	14	8	3	9
15	8	5	3	15	8	10	11
16	9	0	0	16	9	6	1
17	9	6	9	17	10	1	2
18	10	1	6	18	10	8	4
19	10	8	3	19	11	3	5
20	11	3	0	20	11	10	7
21	11	9	9	21	12	5	8
22	12	4	6	22	13	0	10
23	12	11	3	23	13	7	11
24	13	6	0	24	14	3	1
25	14	0	9	25	14	10	3
26	14	7	6	26	15	5	4
27	15	2	3	27	16	0	6
28	15	9	0	28	16	7	7
29	16	3	9	29	17	2	9
30	16	10	6	30	17	9	10
31	17	5	3	31	18	5	0
32	18	0	0	32	19	0	2
33	18	6	9	33	19	7	3
34	19	1	6	34	20	2	5
35	19	8	3	35	20	9	6
36	20	3	0	36	21	4	8
37	20	9	9	37	21	11	9
38	21	4	6	38	22	6	11
39	21	11	3	39	23	2	0
40	22	6	0	40	23	9	2
41	23	0	9	41	24	4	4
42	23	7	6	42	24	11	5
43	24	2	3	43	25	6	7
44	24	9	0	44	26	1	8
45	25	3	9	45	26	8	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	1	8	3	¼	0	1	9	3
½	0	3	4	6	½	0	3	6	6
¾	0	5	0	9	¾	0	5	3	9

Ft. long	Side 9 ½			*Ft. long*	Side 9 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa
1	0	7	6	1	0	7	11
2	1	3	0	2	1	3	10
3	1	10	6	3	1	11	9
4	2	6	1	4	2	7	8
5	3	1	7	5	3	3	7
6	3	9	1	6	3	11	6
7	4	4	7	7	4	7	5
8	5	0	2	8	5	3	4
9	5	7	8	9	5	11	3
10	6	3	2	10	6	7	2
11	6	10	8	11	7	3	1
12	7	6	3	12	7	11	0
13	8	1	9	13	8	6	11
14	8	9	3	14	9	2	10
15	9	4	9	15	9	10	9
16	10	0	4	16	10	6	9
17	10	7	10	17	11	2	8
18	11	3	4	18	11	10	7
19	11	10	10	19	12	6	6
20	12	6	5	20	13	2	5
21	13	1	11	21	13	10	4
22	13	9	5	22	14	6	3
23	14	4	11	23	15	2	2
24	15	0	6	24	15	10	1
25	15	8	0	25	16	6	0
26	16	3	6	26	17	1	11
27	16	11	0	27	17	9	10
28	17	6	7	28	18	5	9
29	18	2	1	29	19	1	8
30	18	9	7	30	19	9	7
31	19	5	1	31	20	5	6
32	20	0	8	32	21	1	6
33	20	8	2	33	21	9	5
34	21	3	8	34	22	5	4
35	21	11	2	35	23	1	3
36	22	6	9	36	23	9	2
37	23	2	3	37	24	5	1
38	23	9	9	38	25	1	0
39	24	5	3	39	25	8	11
40	25	0	10	40	26	4	10
41	25	8	4	41	27	0	9
42	26	3	10	42	27	8	8
43	26	11	4	43	28	4	7
44	27	6	11	44	29	0	6
45	28	2	5	45	29	8	5

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	1	10	6	¼	0	1	11	9
½	0	3	9	0	½	0	3	11	6
¾	0	5	7	6	¾	0	5	11	3

Ft. long	Side 10 Inch.			*Ft. long*	Side 10 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	8	4	1	0	8	9
2	1	4	8	2	1	5	6
3	2	1	0	3	2	2	3
4	2	9	4	4	2	11	0
5	3	5	8	5	3	7	9
6	4	2	0	6	4	4	6
7	4	10	4	7	5	1	3
8	5	6	8	8	5	10	0
9	6	3	0	9	6	6	9
10	6	11	4	10	7	3	6
11	7	7	8	11	8	0	3
12	8	4	0	12	8	9	0
13	9	0	4	13	9	5	9
14	9	8	8	14	10	2	6
15	10	5	0	15	10	11	3
16	11	1	4	16	11	8	1
17	11	9	8	17	12	4	10
18	12	6	0	18	13	1	7
19	13	2	4	19	13	10	4
20	13	10	8	20	14	7	1
21	14	7	0	21	15	3	10
22	15	3	4	22	16	0	7
23	15	11	8	23	16	9	4
24	16	8	0	24	17	6	1
25	17	4	4	25	18	2	10
26	18	0	8	26	18	11	7
27	18	9	0	27	19	8	4
28	19	5	4	28	20	5	1
29	20	1	8	29	21	1	10
30	20	10	0	30	21	10	7
31	21	6	4	31	22	7	4
32	22	2	8	32	23	4	2
33	22	11	0	33	24	0	11
34	23	7	4	34	24	9	8
35	24	3	8	35	25	6	5
36	25	0	0	36	26	3	2
37	25	8	4	37	26	11	11
38	26	4	8	38	27	8	8
39	27	1	0	39	28	5	5
40	27	9	4	40	29	2	2
41	28	5	8	41	29	10	11
42	29	2	0	42	30	7	8
43	29	10	4	43	31	4	5
44	30	6	8	44	32	1	2
45	31	3	0	45	32	9	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	2	1	0	$\frac{1}{4}$	0	2	2	3
$\frac{1}{2}$	0	4	2	0	$\frac{1}{2}$	0	4	4	6
$\frac{3}{4}$	0	6	3	0	$\frac{3}{4}$	0	6	6	9

Ft. long	Side 10 ½			Ft. long	Side 10 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	2	1	0	9	7
2	1	6	4	2	1	7	3
3	2	3	6	3	2	4	10
4	3	0	9	4	3	2	6
5	3	9	11	5	4	0	1
6	4	7	1	6	4	9	9
7	5	4	3	7	5	7	4
8	6	1	6	8	6	5	0
9	6	10	8	9	7	2	8
10	7	7	10	10	8	0	3
11	8	5	0	11	8	9	11
12	9	2	3	12	9	7	6
13	9	11	5	13	10	5	2
14	10	8	7	14	11	2	9
15	11	5	9	15	12	0	5
16	12	3	0	16	12	10	1
17	13	0	2	17	13	7	8
18	13	9	4	18	14	5	4
19	14	6	6	19	15	2	11
20	15	3	9	20	16	0	7
21	16	0	11	21	16	10	2
22	16	10	1	22	17	7	10
23	17	7	3	23	18	5	5
24	18	4	6	24	19	3	1
25	19	1	3	25	20	0	9
26	19	10	10	26	20	10	4
27	20	8	0	27	21	8	0
28	21	5	3	28	22	5	7
29	22	2	5	29	23	3	3
30	22	11	7	30	24	0	10
31	23	8	9	31	24	10	6
32	24	6	0	32	25	8	2
33	25	3	2	33	26	5	9
34	26	0	4	34	27	3	5
35	26	9	6	35	28	1	0
36	27	6	9	36	28	10	8
37	28	3	11	37	29	8	3
38	29	1	1	38	30	5	11
39	29	10	3	39	31	3	6
40	30	7	6	40	32	1	2
41	31	4	8	41	32	10	10
42	32	1	10	42	33	8	5
43	32	11	0	43	34	6	1
44	33	8	3	44	35	3	8
45	34	5	5	45	36	1	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	2	3	6	¼	0	2	4	9
½	0	4	7	0	½	0	4	9	6
¾	0	6	10	6	¾	0	7	2	3

Ft. long	Side 11 Inch.			Ft. long	Side 11 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	1	1	0	10	6
2	1	8	2	2	1	9	1
3	2	6	3	3	2	7	7
4	3	4	4	4	3	6	2
5	4	2	5	5	4	4	8
6	5	0	6	6	5	3	3
7	5	10	7	7	6	1	9
8	6	8	8	8	7	0	4
9	7	6	9	9	7	10	11
10	8	4	10	10	8	9	5
11	9	2	11	11	9	8	0
12	10	1	0	12	10	6	6
13	10	11	1	13	11	5	1
14	11	9	2	14	12	3	7
15	12	7	3	15	13	2	2
16	13	5	4	16	14	0	9
17	14	3	5	17	14	11	3
18	15	1	6	18	15	9	10
19	15	11	7	19	16	8	4
20	16	9	8	20	17	6	11
21	17	7	9	21	18	5	5
22	18	5	10	22	19	4	0
23	19	3	11	23	20	2	6
24	20	2	0	24	21	1	1
25	21	0	1	25	21	11	8
26	21	10	2	26	22	10	2
27	22	8	3	27	23	8	9
28	23	6	4	28	24	7	3
29	24	4	5	29	25	5	10
30	25	2	6	30	26	4	4
31	26	0	7	31	27	2	11
32	26	10	8	32	28	1	6
33	27	8	9	33	29	0	0
34	28	6	10	34	29	10	7
35	29	4	11	35	30	9	1
36	30	3	0	36	31	7	8
37	31	1	1	37	32	6	2
38	31	11	2	38	33	4	9
39	32	9	3	39	34	3	3
40	33	7	4	40	35	1	10
41	34	5	5	41	36	0	5
42	35	3	6	42	36	10	11
43	36	1	7	43	37	9	6
44	36	11	8	44	38	8	0
45	37	9	9	45	39	6	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	2	6	3	¼	0	2	7	6
½	0	5	0	6	½	0	5	3	0
¾	0	7	6	9	¾	0	7	10	6

Ft. long	Side 11 ½			Ft. long	Side 11 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	0	1	0	11	6
2	1	10	0	2	1	11	0
3	2	9	0	3	2	10	6
4	3	8	1	4	3	10	0
5	4	7	1	5	4	9	6
6	5	6	1	6	5	9	0
7	6	5	1	7	6	8	6
8	7	4	2	8	7	8	0
9	8	3	2	9	8	7	6
10	9	2	2	10	9	7	0
11	10	1	2	11	10	6	6
12	11	0	3	12	11	6	0
13	11	11	3	13	12	5	6
14	12	10	3	14	13	5	0
15	13	9	3	15	14	4	6
16	14	8	4	16	15	4	1
17	15	7	4	17	16	3	7
18	16	6	4	18	17	3	1
19	17	5	4	19	18	2	7
20	18	4	5	20	19	2	1
21	19	3	5	21	20	1	7
22	20	2	5	22	21	1	1
23	21	1	5	23	22	0	7
24	22	0	6	24	23	0	1
25	22	11	6	25	23	11	7
26	23	10	6	26	24	11	1
27	24	9	6	27	25	10	7
28	25	8	7	28	26	10	1
29	26	7	7	29	27	9	7
30	27	6	7	30	28	9	1
31	28	5	7	31	29	8	7
32	29	4	8	32	30	8	2
33	30	3	8	33	31	7	8
34	31	2	8	34	32	7	2
35	32	1	8	35	33	6	8
36	33	0	9	36	34	6	2
37	33	11	9	37	35	5	8
38	34	10	9	38	36	5	2
39	35	9	9	39	37	4	8
40	36	8	10	40	38	4	2
41	37	7	10	41	39	3	8
42	38	6	10	42	40	3	2
43	39	5	10	43	41	2	8
44	40	4	11	44	42	2	2
45	41	3	11	45	43	1	8

Quarters of a *Foot*.					*Quarters* of a *Foot*.				
	Ft.	In.	Pa	S		Ft.	In.	Pa.	S.
¼	0	2	9	0	¼	0	2	10	6
½	0	5	6	0	½	0	5	9	0
¾	0	8	3	0	¾	0	8	7	6

Ft. long	Side 12 Inch.			Ft. long	Side 12 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	0	1	1	0	6
2	2	0	0	2	2	1	0
3	3	0	0	3	3	1	6
4	4	0	0	4	4	2	0
5	5	0	0	5	5	2	6
6	6	0	0	6	6	3	0
7	7	0	0	7	7	3	6
8	8	0	0	8	8	4	0
9	9	0	0	9	9	4	6
10	10	0	0	10	10	5	0
11	11	0	0	11	11	5	6
12	12	0	0	12	12	6	0
13	13	0	0	13	13	6	6
14	14	0	0	14	14	7	0
15	15	0	0	15	15	7	6
16	16	0	0	16	16	8	1
17	17	0	0	17	17	8	7
18	18	0	0	18	18	9	1
19	19	0	0	19	19	9	7
20	20	0	0	20	20	10	1
21	21	0	0	21	21	10	7
22	22	0	0	22	22	11	1
23	23	0	0	23	23	11	7
24	24	0	0	24	25	0	1
25	25	0	0	25	26	0	7
26	26	0	0	26	27	1	1
27	27	0	0	27	28	1	7
28	28	0	0	28	29	2	1
29	29	0	0	29	30	2	7
30	30	0	0	30	31	3	1
31	31	0	0	31	32	3	8
32	32	0	0	32	33	4	2
33	33	0	0	33	34	4	8
34	34	0	0	34	35	5	2
35	35	0	0	35	36	5	8
36	36	0	0	36	37	6	2
37	37	0	0	37	38	6	8
38	38	0	0	38	39	7	2
39	39	0	0	39	40	7	8
40	40	0	0	40	41	8	2
41	41	0	0	41	42	8	8
42	42	0	0	42	43	9	2
43	43	0	0	43	44	9	8
44	44	0	0	44	45	10	2
45	45	0	0	45	46	10	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	3	0	0	$\frac{1}{4}$	0	3	1	6
$\frac{1}{2}$	0	6	0	0	$\frac{1}{2}$	0	6	3	0
$\frac{3}{4}$	0	9	0	0	$\frac{3}{4}$	0	9	4	6

Ft. long	Side 12 ½			Ft. long	Side 12 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	1	0	1	1	1	6
2	2	2	0	2	2	3	1
3	3	3	0	3	3	4	7
4	4	4	1	4	4	6	2
5	5	5	1	5	5	7	8
6	6	6	1	6	6	9	3
7	7	7	1	7	7	10	9
8	8	8	2	8	9	0	4
9	9	9	2	9	10	1	11
10	10	10	2	10	11	3	5
11	11	11	2	11	12	5	0
12	13	0	3	12	13	6	6
13	14	1	3	13	14	8	1
14	15	2	3	14	15	9	7
15	16	3	3	15	16	11	2
16	17	4	4	16	18	0	9
17	18	5	4	17	19	2	3
18	19	6	4	18	20	3	10
19	20	7	4	19	21	5	4
20	21	8	5	20	22	6	11
21	22	9	5	21	23	8	5
22	23	10	5	22	24	10	0
23	24	11	5	23	25	11	6
24	26	0	6	24	27	1	1
25	27	1	6	25	28	2	8
26	28	2	6	26	29	4	2
27	29	3	6	27	30	5	9
28	30	4	7	28	31	7	3
29	31	5	7	29	32	8	10
30	32	6	7	30	33	10	4
31	33	7	7	31	34	11	11
32	34	8	8	32	36	1	6
33	35	9	8	33	37	4	0
34	36	10	8	34	38	4	7
35	37	11	8	35	39	6	1
36	39	0	9	36	40	7	8
37	40	1	9	37	41	9	2
38	41	2	9	38	42	10	9
39	42	3	9	39	44	0	3
40	43	4	10	40	45	1	10
41	44	5	10	41	46	3	5
42	45	6	10	42	47	4	11
43	46	7	10	43	48	6	6
44	47	8	11	44	49	8	0
45	48	9	11	45	50	9	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	3	3	0	¼	0	3	4	6
½	0	6	6	0	½	0	6	9	0
¾	0	9	9	0	¾	0	10	1	6

Ft. long	Side 13 Inch.			Ft. long	Side 13 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	1	1	1	2	7
2	2	4	2	2	2	5	3
3	3	6	3	3	3	7	10
4	4	8	4	4	4	10	6
5	5	10	5	5	6	1	1
6	7	0	6	6	7	3	9
7	8	2	7	7	8	6	4
8	9	4	8	8	9	9	0
9	10	6	9	9	10	11	8
10	11	8	10	10	12	2	3
11	12	10	11	11	13	4	11
12	14	1	0	12	14	7	6
13	15	3	1	13	15	10	2
14	16	5	2	14	17	0	9
15	17	7	3	15	18	3	5
16	18	9	4	16	19	6	1
17	19	11	5	17	20	8	8
18	21	1	6	18	21	11	4
19	22	3	7	19	23	1	11
20	23	5	8	20	24	4	7
21	24	7	9	21	25	7	2
22	25	9	10	22	26	9	10
23	26	11	11	23	28	0	5
24	28	2	0	24	29	3	1
25	29	4	1	25	30	5	9
26	30	6	2	26	31	8	4
27	31	8	3	27	32	11	0
28	32	10	4	28	34	1	7
29	34	0	5	29	35	4	3
30	35	2	6	30	36	6	10
31	36	4	7	31	37	9	6
32	37	6	8	32	39	0	2
33	38	8	9	33	40	2	9
34	39	10	10	34	41	5	5
35	41	0	11	35	42	8	0
36	42	3	0	36	43	10	8
37	43	5	1	37	45	1	3
38	44	7	2	38	46	3	11
39	45	9	3	39	47	6	6
40	46	11	4	40	48	9	2
41	48	1	5	41	49	11	10
42	49	3	6	42	51	2	5
43	50	5	7	43	52	5	1
44	51	7	8	44	53	7	8
45	52	9	9	45	54	10	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S
¼	0	3	6	3	¼	0	3	7	3
½	0	7	0	6	½	0	7	3	6
¾	0	10	6	9	¾	0	10	11	9

Ft. long	Side 13 $\frac{1}{2}$			Ft. long	Side 13 $\frac{3}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa
1	1	3	2	1	1	3	9
2	2	6	4	2	2	7	6
3	3	9	6	3	3	11	3
4	5	0	9	4	5	3	0
5	6	3	11	5	6	6	9
6	7	7	1	6	7	10	6
7	8	10	3	7	9	2	3
8	10	1	6	8	10	6	0
9	11	4	8	9	11	9	9
10	12	7	10	10	13	1	6
11	13	11	0	11	14	5	3
12	15	2	3	12	15	9	0
13	16	5	5	13	17	0	9
14	17	8	7	14	18	4	6
15	18	11	9	15	19	8	3
16	20	3	0	16	21	0	1
17	21	6	2	17	22	3	10
18	22	9	4	18	23	7	7
19	24	0	6	19	24	11	4
20	25	3	9	20	26	3	1
21	26	6	11	21	27	6	10
22	27	10	1	22	28	10	7
23	29	1	3	23	30	2	4
24	30	4	6	24	31	6	1
25	31	7	8	25	32	9	10
26	32	10	10	26	34	1	7
27	34	2	0	27	35	5	4
28	35	5	3	28	36	9	1
29	36	8	5	29	38	0	10
30	37	11	7	30	39	4	7
31	39	2	9	31	40	8	4
32	40	6	0	32	42	0	2
33	41	9	2	33	43	3	11
34	43	0	4	34	44	7	8
35	44	3	6	35	45	11	5
36	45	6	9	36	47	3	2
37	46	9	11	37	48	6	11
38	48	1	1	38	49	10	8
39	49	4	3	39	51	2	5
40	50	7	6	40	52	6	2
41	51	10	8	41	53	9	11
42	53	1	10	42	55	1	8
43	54	5	0	43	56	5	5
44	55	8	3	44	57	9	2
45	56	11	5	45	59	0	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	3	9	6	$\frac{1}{4}$	0	3	11	3
$\frac{1}{2}$	0	7	7	0	$\frac{1}{2}$	0	7	10	6
$\frac{3}{4}$	0	11	4	6	$\frac{3}{4}$	0	11	9	9

Ft. long	Side 14 Inch.			Ft. long	Side 14 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	4	1	1	4	11
2	2	8	8	2	2	9	10
3	4	1	0	3	4	2	9
4	5	5	4	4	5	7	8
5	6	9	8	5	7	0	7
6	8	2	0	6	8	5	6
7	9	6	4	7	9	10	5
8	10	10	8	8	11	3	4
9	12	3	0	9	12	8	3
10	13	7	4	10	14	1	2
11	14	11	8	11	15	6	1
12	16	4	0	12	16	11	0
13	17	8	4	13	18	3	11
14	19	0	8	14	19	8	10
15	20	5	0	15	21	1	9
16	21	9	4	16	22	6	9
17	23	1	8	17	23	11	8
18	24	6	0	18	25	4	7
19	25	10	4	19	26	9	6
20	27	2	8	20	28	2	5
21	28	7	0	21	29	7	4
22	29	11	4	22	31	0	3
23	31	3	8	23	32	5	2
24	32	8	0	24	33	10	1
25	34	0	4	25	35	3	0
26	35	4	8	26	36	7	11
27	36	9	0	27	38	0	10
28	38	1	4	28	39	5	9
29	39	5	8	29	40	10	8
30	40	10	0	30	42	3	7
31	42	2	4	31	43	8	6
32	43	6	8	32	45	1	6
33	44	11	0	33	46	6	5
34	46	3	4	34	47	11	4
35	47	7	8	35	49	4	3
36	49	0	0	36	50	9	2
37	50	4	4	37	52	2	1
38	51	8	8	38	53	7	0
39	53	1	0	39	54	11	11
40	54	5	4	40	56	4	10
41	55	0	8	41	57	9	9
42	57	2	0	42	59	2	8
43	58	6	4	43	60	7	7
44	59	10	8	44	62	0	6
45	60	3	0	45	63	5	5

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	4	1	0	¼	0	4	2	9
½	0	8	2	0	½	0	8	5	6
¾	1	0	3	0	¾	1	0	8	3

Ft. long	Side 14 ½			*Ft. long*	Side 14 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	5	6	1	1	6	1
2	2	11	0	2	3	0	3
3	4	4	6	3	4	6	4
4	5	10	1	4	6	0	6
5	7	3	7	5	7	6	7
6	8	9	1	6	9	0	9
7	10	2	7	7	10	6	10
8	11	8	2	8	12	1	0
9	13	1	8	9	13	7	2
10	14	7	2	10	15	1	3
11	16	0	8	11	16	7	5
12	17	6	3	12	18	1	6
13	18	11	9	13	19	7	8
14	20	5	3	14	21	1	9
15	21	10	9	15	22	7	11
16	23	4	4	16	24	2	1
17	24	9	10	17	25	8	2
18	26	3	4	18	27	2	4
19	27	8	10	19	28	8	5
20	29	2	5	20	30	2	7
21	30	7	11	21	31	8	8
22	32	1	5	22	33	2	10
23	33	6	11	23	34	8	11
24	35	0	6	24	36	3	1
25	36	6	0	25	37	9	3
26	37	11	6	26	39	3	4
27	39	5	0	27	40	9	6
28	40	10	7	28	42	3	7
29	42	4	1	29	43	9	9
30	43	9	7	30	45	3	10
31	45	3	1	31	46	10	0
32	46	8	8	32	48	4	2
33	48	2	2	33	49	10	3
34	49	7	8	34	51	4	5
35	51	1	2	35	52	10	6
36	52	6	9	36	54	4	8
37	54	0	3	37	55	10	9
38	55	5	9	38	57	4	11
39	56	11	3	39	58	11	0
40	58	4	10	40	60	5	2
41	59	10	4	41	61	11	4
42	61	3	10	42	63	5	5
43	62	9	4	43	64	11	7
44	64	2	11	44	66	5	8
45	65	8	5	45	67	11	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	4	4	6	¼	0	4	6	3
½	0	8	9	0	½	0	9	0	6
¾	1	1	1	6	¾	1	1	6	9

Ft. long	Side 15 Inch.			Ft. long	Side 15 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	6	9	1	1	7	4
2	3	1	6	2	3	2	9
3	4	8	3	3	4	10	1
4	6	3	0	4	6	5	6
5	7	9	9	5	8	0	10
6	9	4	6	6	9	8	3
7	10	11	3	7	11	3	7
8	12	6	0	8	12	11	0
9	14	0	9	9	14	6	5
10	15	7	6	10	16	1	9
11	17	2	3	11	17	9	2
12	18	9	0	12	19	4	6
13	20	3	9	13	20	11	11
14	21	10	6	14	22	7	3
15	23	5	3	15	24	2	8
16	25	0	0	16	25	10	1
17	26	6	9	17	27	5	5
18	28	1	6	18	29	0	10
19	29	8	3	19	30	8	2
20	31	3	0	20	32	3	7
21	32	9	9	21	33	10	11
22	34	4	6	22	35	6	4
23	35	11	3	23	37	1	8
24	37	6	0	24	38	9	1
25	39	0	9	25	40	4	6
26	40	7	6	26	41	11	10
27	42	2	3	27	43	7	3
28	43	9	0	28	45	2	7
29	45	3	9	29	46	10	0
30	46	10	6	30	48	5	4
31	48	5	3	31	50	0	9
32	50	0	0	32	51	8	2
33	51	6	9	33	53	3	6
34	53	1	6	34	54	10	11
35	54	8	3	35	56	6	3
36	56	3	0	36	58	1	8
37	57	9	9	37	59	9	0
38	59	4	6	38	61	4	5
39	60	11	3	39	62	11	9
40	62	6	0	40	64	7	2
41	64	0	9	41	66	2	7
42	65	7	6	42	67	9	11
43	67	2	3	43	69	5	4
44	68	9	0	44	71	0	8
45	70	3	9	45	72	8	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	4	8	3	¼	0	4	10	0
½	0	9	4	6	½	0	9	8	0
¾	1	2	0	9	¾	1	2	6	0

Ft. long	Side 15 ½			Ft. long	Side 15 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	8	0	1	1	8	8
2	3	4	0	2	3	5	4
3	5	0	0	3	5	2	0
4	6	8	1	4	6	10	8
5	8	4	1	5	8	7	4
6	10	0	1	6	10	4	0
7	11	8	1	7	12	0	8
8	13	4	2	8	13	9	4
9	15	0	2	9	15	6	0
10	16	8	2	10	17	2	8
11	18	4	2	11	18	11	4
12	20	0	3	12	20	8	0
13	21	8	3	13	22	4	8
14	23	4	3	14	24	1	4
15	25	0	3	15	25	10	0
16	26	8	4	16	27	6	9
17	28	4	4	17	29	3	5
18	30	0	4	18	31	0	1
19	31	8	4	19	32	8	9
20	33	4	5	20	34	5	5
21	35	0	5	21	36	2	1
22	36	8	5	22	37	10	9
23	38	4	5	23	39	7	5
24	40	0	6	24	41	4	1
25	41	8	6	25	43	0	9
26	43	4	6	26	44	9	5
27	45	0	6	27	46	6	1
28	46	8	7	28	48	2	9
29	48	4	7	29	49	11	5
30	50	0	7	30	51	8	1
31	51	8	7	31	53	4	9
32	53	4	8	32	55	1	6
33	55	0	8	33	56	10	2
34	56	8	8	34	58	6	10
35	58	4	8	35	60	3	6
36	60	0	9	36	62	0	2
37	61	8	9	37	63	8	10
38	63	4	9	38	65	5	6
39	65	0	9	39	67	2	2
40	66	8	10	40	68	10	10
41	68	4	10	41	70	7	6
42	70	0	10	42	72	4	2
43	71	8	10	43	74	0	10
44	73	4	11	44	75	9	6
45	75	0	11	45	77	6	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa	S		Ft.	In.	Pa.	S.
¼	0	5	0	0	¼	0	5	2	0
½	0	10	0	0	½	0	10	4	0
¾	1	3	0	0	¾	1	3	6	0

Ft. long	Side 16 Inch.			Ft. long	Side 16 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	9	4	1	1	10	0
2	3	6	8	2	3	8	0
3	5	4	0	3	5	6	0
4	7	1	4	4	7	4	0
5	8	10	8	5	9	2	0
6	10	8	0	6	11	0	0
7	12	5	4	7	12	10	0
8	14	2	8	8	14	8	0
9	16	0	0	9	16	6	0
10	17	9	4	10	18	4	0
11	19	6	8	11	20	2	0
12	21	4	0	12	22	0	0
13	23	1	4	13	23	10	0
14	24	10	8	14	25	8	0
15	26	8	0	15	27	6	0
16	28	5	4	16	29	4	1
17	30	2	8	17	31	2	1
18	32	0	0	18	33	0	1
19	33	9	4	19	34	10	1
20	35	6	8	20	36	8	1
21	37	4	0	21	38	6	1
22	39	1	4	22	40	4	1
23	40	10	8	23	42	2	1
24	42	8	0	24	44	0	1
25	44	5	4	25	45	10	1
26	46	2	8	26	47	8	1
27	48	0	0	27	49	6	1
28	49	9	4	28	51	4	1
29	51	6	8	29	53	2	1
30	53	4	0	30	55	0	1
31	55	1	4	31	56	10	1
32	56	10	8	32	58	8	2
33	58	8	0	33	60	6	2
34	60	5	4	34	62	4	2
35	62	2	8	35	64	2	2
36	64	0	0	36	66	0	2
37	65	9	4	37	67	10	2
38	67	6	8	38	69	8	2
39	69	4	0	39	71	6	2
40	71	1	4	40	73	4	2
41	72	10	8	41	75	2	2
42	74	8	0	42	77	0	2
43	76	4	4	43	78	10	2
44	78	2	8	44	80	8	2
45	80	0	0	45	82	6	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	5	4	0	¼	0	5	6	0
½	0	10	8	0	½	0	11	0	0
¾	1	4	0	0	¾	1	4	6	0

Ft. long	Side 16 ½			Ft. long	Side 16 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	10	8	1	1	11	4
2	3	9	4	2	3	10	9
3	5	8	0	3	5	10	1
4	7	6	9	4	7	9	6
5	9	5	5	5	9	8	10
6	11	4	1	6	11	8	3
7	13	2	9	7	13	7	7
8	15	1	6	8	15	7	0
9	17	0	2	9	17	6	5
10	18	10	10	10	19	5	9
11	20	9	6	11	21	5	2
12	22	8	3	12	23	4	6
13	24	6	11	13	25	3	11
14	26	5	7	14	27	3	3
15	28	4	3	15	29	2	8
16	30	3	0	16	31	2	1
17	32	1	8	17	33	1	5
18	34	0	4	18	35	0	10
19	35	11	0	19	37	0	2
20	37	9	9	20	38	11	7
21	39	8	5	21	40	10	11
22	41	7	1	22	42	10	4
23	43	5	9	23	44	9	8
24	45	4	6	24	46	9	1
25	47	3	2	25	48	8	6
26	49	1	10	26	50	7	10
27	51	0	6	27	52	7	3
28	52	11	3	28	54	6	7
29	54	9	11	29	56	6	0
30	56	8	7	30	58	5	4
31	58	7	3	31	60	4	9
32	60	6	0	32	62	4	2
33	62	4	8	33	64	3	6
34	64	3	4	34	66	2	11
35	66	2	0	35	68	2	3
36	68	0	9	36	70	1	8
37	69	11	5	37	72	1	0
38	71	10	1	38	74	0	5
39	73	8	9	39	75	11	9
40	75	7	6	40	77	11	2
41	77	6	2	41	79	10	7
42	79	4	10	42	81	9	11
43	81	3	6	43	83	9	4
44	83	2	3	44	85	8	8
45	85	0	11	45	87	8	1

	Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	5	8	0	¼	0	5	10	0
½	0	11	4	0	½	0	11	8	0
¾	1	5	0	0	¾	1	5	6	0

Ft. long	Side 17 Inch.			Ft. long	Side 17 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	0	1	1	2	0	9
2	4	0	2	2	4	1	7
3	6	0	3	3	6	2	4
4	8	0	4	4	8	3	2
5	10	0	5	5	10	3	11
6	12	0	6	6	12	4	9
7	14	0	7	7	14	5	6
8	16	0	8	8	16	6	4
9	18	0	9	9	18	7	2
10	20	0	10	10	20	7	11
11	22	0	11	11	22	8	9
12	24	1	0	12	24	9	6
13	26	1	1	13	26	10	4
14	28	1	2	14	28	11	1
15	30	1	3	15	30	11	11
16	32	1	4	16	33	0	9
17	34	1	5	17	35	1	6
18	36	1	6	18	37	2	4
19	38	1	7	19	39	3	1
20	40	1	8	20	41	3	11
21	42	1	9	21	43	4	8
22	44	1	10	22	45	5	6
23	46	1	11	23	47	6	3
24	48	2	0	24	49	7	1
25	50	2	1	25	51	7	11
26	52	2	2	26	53	8	8
27	54	2	3	27	55	9	6
28	56	2	4	28	57	10	3
29	58	2	5	29	59	11	1
30	60	2	6	30	61	11	10
31	62	2	7	31	64	0	8
32	64	2	8	32	66	1	6
33	66	2	9	33	68	2	3
34	68	2	10	34	70	3	1
35	70	2	11	35	72	3	10
36	72	3	0	36	74	4	8
37	74	3	1	37	76	5	5
38	76	3	2	38	78	6	3
39	78	3	3	39	80	7	0
40	80	3	4	40	82	7	10
41	82	3	5	41	84	8	8
42	84	3	6	42	86	9	5
43	86	3	7	43	88	10	3
44	88	3	8	44	90	11	0
45	90	3	9	45	92	11	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	6	0	3	¼	0	6	2	3
½	1	0	0	6	½	1	0	4	6
¾	1	6	0	9	¾	1	6	6	9

Ft. long	Side 17 ½		
	Ft.	In.	Pa
1	2	1	6
2	4	3	0
3	6	4	6
4	8	6	1
5	10	7	7
6	12	9	1
7	14	10	7
8	17	0	2
9	19	1	8
10	21	3	2
11	23	4	8
12	25	6	3
13	27	7	9
14	29	9	3
15	31	10	9
16	34	0	4
17	36	1	10
18	38	3	4
19	40	4	10
20	42	6	5
21	44	7	11
22	46	9	5
23	48	10	11
24	51	0	6
25	53	2	0
26	55	3	6
27	57	5	0
28	59	6	7
29	61	8	1
30	63	9	7
31	65	11	1
32	68	0	8
33	70	2	2
34	72	3	8
35	74	5	2
36	76	6	9
37	78	8	3
38	80	9	9
39	82	11	3
40	85	0	10
41	87	2	4
42	89	3	10
43	91	5	4
44	93	6	11
45	95	8	5

Quarters of a *Foot*.				
	Ft.	In.	Pa.	S.
¼	0	6	4	6
½	1	0	9	0
¾	1	7	1	6

Ft. long	Side 17 ¾		
	Ft.	In.	Pa
1	2	2	3
2	4	4	6
3	6	6	9
4	8	9	0
5	10	11	3
6	13	1	6
7	15	3	9
8	17	6	0
9	19	8	3
10	21	10	6
11	24	0	9
12	26	3	0
13	28	5	3
14	30	7	6
15	32	9	9
16	35	0	1
17	37	2	4
18	39	4	7
19	41	6	10
20	43	9	1
21	45	11	4
22	48	1	7
23	50	3	10
24	52	6	1
25	54	8	4
26	56	10	7
27	59	0	10
28	61	3	1
29	63	5	4
30	65	7	7
31	67	9	10
32	70	0	2
33	72	2	5
34	74	4	8
35	76	0	11
36	78	9	2
37	80	11	5
38	83	1	8
39	85	3	11
40	87	6	2
41	89	8	5
42	91	10	8
43	94	0	11
44	96	3	2
45	98	5	5

Quarters of a *Foot*.				
	Ft.	In.	Pa.	S.
¼	0	6	6	9
½	1	1	1	6
¾	1	7	8	3

Ft. long	Side 18 Inch.			Ft. long	Side 18 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	3	0	1	2	3	9
2	4	6	0	2	4	7	6
3	6	9	0	3	6	11	3
4	9	0	0	4	9	3	0
5	11	3	0	5	11	6	9
6	13	6	0	6	13	10	6
7	15	9	0	7	16	2	3
8	18	0	0	8	18	6	0
9	20	3	0	9	20	9	9
10	22	6	0	10	23	1	6
11	24	9	0	11	25	5	3
12	27	0	0	12	27	9	0
13	29	3	0	13	30	0	9
14	31	6	0	14	32	4	6
15	33	9	0	15	34	8	3
16	36	0	0	16	37	0	1
17	38	3	0	17	39	3	10
18	40	6	0	18	41	7	7
19	42	9	0	19	43	11	4
20	45	0	0	20	46	3	1
21	47	3	0	21	48	6	10
22	49	6	0	22	50	10	7
23	51	9	0	23	53	2	4
24	54	0	0	24	55	6	1
25	56	3	0	25	57	9	10
26	58	6	0	26	60	1	7
27	60	9	0	27	62	5	4
28	63	0	0	28	64	9	1
29	65	3	0	29	67	0	10
30	67	6	0	30	69	4	7
31	69	9	0	31	71	8	4
32	72	0	0	32	74	0	2
33	74	3	0	33	76	3	11
34	76	6	0	34	78	7	8
35	78	9	0	35	80	11	5
36	81	0	0	36	83	3	2
37	83	3	0	37	85	6	11
38	85	6	0	38	87	10	8
39	87	9	0	39	90	2	5
40	90	0	0	40	92	6	2
41	92	3	0	41	94	9	11
42	94	6	0	42	97	1	8
43	96	9	0	43	99	5	5
44	99	0	0	44	101	9	2
45	101	3	0	45	104	0	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	6	9	0	$\frac{1}{4}$	0	6	11	3
$\frac{1}{2}$	1	1	6	0	$\frac{1}{2}$	1	1	10	6
$\frac{3}{4}$	1	8	3	0	$\frac{3}{4}$	1	8	9	9

Ft. long	Side 18 ½			Ft. long	Side 18 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	4	6	1	2	5	3
2	4	9	0	2	4	10	7
3	7	1	6	3	7	3	10
4	9	6	1	4	9	9	2
5	11	10	7	5	12	2	5
6	14	3	1	6	14	7	9
7	16	7	7	7	17	1	0
8	19	0	2	8	19	6	4
9	21	4	8	9	21	11	8
10	23	9	2	10	24	4	11
11	26	1	8	11	26	10	3
12	28	6	3	12	29	3	6
13	30	10	9	13	31	8	10
14	33	3	3	14	34	2	1
15	35	7	9	15	36	7	5
16	38	0	4	16	39	0	9
17	40	4	10	17	41	6	0
18	42	9	4	18	43	11	4
19	45	1	10	19	46	4	7
20	47	6	5	20	48	9	11
21	49	10	11	21	51	3	2
22	52	3	5	22	53	8	6
23	54	7	11	23	56	1	9
24	57	0	6	24	58	7	1
25	59	5	0	25	61	0	5
26	61	9	6	26	63	5	8
27	64	2	0	27	65	11	0
28	66	6	7	28	68	4	3
29	68	11	1	29	70	9	7
30	71	3	7	30	73	2	10
31	73	8	1	31	75	8	2
32	76	0	8	32	78	1	6
33	78	5	2	33	80	6	9
34	80	9	8	34	83	0	1
35	83	2	2	35	85	5	4
36	85	6	9	36	87	10	8
37	87	11	3	37	90	3	11
38	90	3	9	38	92	9	3
39	92	8	3	39	95	2	6
40	95	0	10	40	97	7	10
41	97	5	4	41	100	1	2
42	99	9	10	42	102	6	5
43	102	2	4	43	104	11	9
44	104	6	11	44	107	5	0
45	106	11	5	45	109	10	4

Quarters of a Foot.					*Quarters of a Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	7	1	6	¼	0	7	3	9
½	1	2	3	0	½	1	2	7	6
¾	1	9	4	6	¾	1	9	11	3

Ft. long	Side 19 Inch.			Ft. long	Side 19 ¼		
	Ft.	In.	Pa.		Ft	In.	Pa.
1	2	6	1	1	2	6	10
2	5	0	2	2	5	1	9
3	7	6	3	3	7	8	7
4	10	0	4	4	10	3	6
5	12	6	5	5	12	10	4
6	15	0	6	6	15	5	3
7	17	6	7	7	18	0	1
8	20	0	8	8	20	7	0
9	22	6	9	9	23	1	11
10	25	0	10	10	25	8	9
11	27	6	11	11	28	3	8
12	30	1	0	12	30	10	6
13	32	7	1	13	33	5	5
14	35	1	2	14	36	0	3
15	37	7	3	15	38	7	2
16	40	1	4	16	41	2	1
17	42	7	5	17	43	8	11
18	45	1	6	18	46	3	10
19	47	7	7	19	48	10	8
20	50	1	8	20	51	5	7
21	52	7	9	21	54	0	5
22	55	1	10	22	56	7	4
23	57	7	11	23	59	2	2
24	60	2	0	24	61	9	1
25	62	8	1	25	64	4	0
26	65	2	2	26	66	10	10
27	67	8	3	27	69	5	9
28	70	2	4	28	72	0	7
29	72	8	5	29	74	7	6
30	75	2	6	30	77	2	4
31	77	8	7	31	79	9	3
32	80	2	8	32	82	4	2
33	82	8	9	33	84	11	0
34	85	2	10	34	87	5	11
35	87	8	11	35	90	0	3
36	90	3	0	36	92	7	8
37	92	9	1	37	95	2	6
38	95	3	2	38	97	9	5
39	97	9	3	39	100	4	3
40	100	3	4	40	102	11	2
41	102	9	5	41	105	6	1
42	105	3	6	42	08	0	11
43	107	9	7	43	110	7	10
44	110	3	8	44	113	2	8
45	112	9	9	45	115	9	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	7	6	3	¼	0	7	8	6
½	1	3	0	6	½	1	3	5	0
¾	1	10	6	9	¾	1	11	1	6

Ft. long	Side 19 ½		
	Ft.	In.	Pa.
1	2	7	8
2	5	3	4
3	7	11	0
4	10	6	9
5	13	2	5
6	15	10	1
7	18	5	9
8	21	1	6
9	23	9	2
10	26	4	10
11	29	0	6
12	31	8	3
13	34	3	11
14	36	11	7
15	39	7	3
16	42	3	0
17	44	10	8
18	47	6	4
19	50	2	0
20	52	9	9
21	55	5	5
22	58	1	1
23	60	8	9
24	63	4	6
25	66	0	2
26	68	7	10
27	71	3	6
28	73	11	3
29	76	6	11
30	79	2	7
31	81	10	3
32	84	6	0
33	87	1	8
34	89	9	4
35	92	5	0
36	95	0	9
37	97	8	5
38	100	4	1
39	102	11	9
40	105	7	6
41	108	3	2
42	110	10	10
43	113	6	6
44	116	2	3
45	118	9	11

Quarters of a *Foot*

	Ft.	In	Pa	S
¼	0	7	11	0
½	1	3	10	0
¾	1	11	9	0

Ft. long	Side 19 ¾		
	Ft.	In.	Pa.
1	2	8	6
2	5	5	0
3	8	1	6
4	10	10	0
5	13	6	6
6	16	3	0
7	18	11	6
8	21	8	0
9	24	4	6
10	27	1	0
11	29	9	6
12	32	6	0
13	35	2	6
14	37	11	0
15	40	7	6
16	43	4	1
17	46	0	7
18	48	9	1
19	51	5	7
20	54	2	1
21	56	10	7
22	59	7	1
23	62	3	7
24	65	0	1
25	67	8	7
26	70	5	1
27	73	1	7
28	75	10	1
29	78	6	7
30	81	3	1
31	83	11	7
32	86	8	8
33	89	4	2
34	92	1	7
35	94	9	8
36	97	6	2
37	100	2	8
38	102	11	2
39	105	7	8
40	108	4	2
41	111	0	8
42	113	9	2
43	116	5	8
44	119	2	2
45	121	10	8

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	0	8	1	6
½	1	4	3	0
¾	2	0	4	6

Ft. long	Side 20 Inch.			Ft. long	Side 20 ¼		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	2	9	4	1	2	10	2
2	5	6	8	2	5	8	4
3	8	4	0	3	8	6	6
4	11	1	4	4	11	4	8
5	13	10	8	5	14	2	10
6	16	8	0	6	17	1	0
7	19	5	4	7	19	11	2
8	22	2	8	8	22	9	4
9	25	0	0	9	25	7	6
10	27	9	4	10	28	5	8
11	30	6	8	11	31	3	10
12	33	4	0	12	34	2	0
13	36	1	4	13	37	0	2
14	38	10	8	14	39	10	4
15	41	8	0	15	42	8	6
16	44	5	4	16	45	6	9
17	47	2	8	17	48	4	11
18	50	0	0	18	51	3	1
19	52	9	4	19	54	1	3
20	55	6	8	20	56	11	5
21	58	4	0	21	59	9	7
22	61	1	4	22	62	7	9
23	63	10	8	23	65	5	11
24	66	8	0	24	68	4	1
25	69	5	4	25	71	2	3
26	72	2	8	26	74	0	5
27	75	0	0	27	76	10	7
28	77	9	4	28	79	8	9
29	80	6	8	29	82	6	11
30	83	4	0	30	85	5	1
31	86	1	4	31	88	3	3
32	88	10	8	32	91	1	6
33	91	8	0	33	93	11	8
34	94	5	4	34	96	9	10
35	97	2	8	35	99	8	0
36	100	0	0	36	102	6	2
37	102	9	4	37	105	4	4
38	105	6	8	38	108	2	6
39	108	4	0	39	111	0	8
40	111	1	4	40	113	10	10
41	113	10	8	41	116	9	0
42	116	8	0	42	119	7	2
43	119	5	4	43	122	5	4
44	122	2	8	44	125	3	6
45	125	0	0	45	128	1	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	8	4	0	¼	0	8	6	6
½	1	4	8	0	½	1	5	1	0
¾	2	1	0	0	¾	2	1	7	6

Ft. long	Side 20 ½		
	Ft.	In.	Pa
1	2	11	0
2	5	10	0
3	8	9	0
4	11	8	1
5	14	7	1
6	17	6	1
7	20	5	1
8	23	4	2
9	26	3	2
10	29	2	2
11	32	1	2
12	35	0	3
13	37	11	3
14	40	10	3
15	43	9	3
16	46	8	4
17	49	7	4
18	52	6	4
19	55	5	4
20	58	4	5
21	61	3	5
22	64	2	5
23	67	1	5
24	70	0	6
25	72	11	6
26	75	10	6
27	78	9	6
28	81	8	7
29	84	7	7
30	87	6	7
31	90	5	7
32	93	4	8
33	96	3	8
34	99	2	8
35	102	1	8
36	105	0	9
37	107	11	9
38	110	10	9
39	113	9	9
40	116	8	10
41	119	7	10
42	122	6	10
43	125	5	10
44	128	4	11
45	131	3	11

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	0	8	9	0
½	1	5	6	0
¾	2	2	3	0

Ft. long	Side 20 ¾		
	Ft.	In.	Pa.
1	2	11	10
2	5	11	9
3	8	11	7
4	11	11	6
5	14	11	4
6	17	11	3
7	20	11	1
8	23	11	0
9	26	10	11
10	29	10	9
11	32	10	8
12	35	10	6
13	38	10	5
14	41	10	3
15	44	10	2
16	47	10	1
17	50	9	11
18	53	9	10
19	56	9	8
20	59	9	7
21	62	9	5
22	65	9	4
23	68	9	2
24	71	9	1
25	74	9	0
26	77	8	10
27	80	8	9
28	83	8	7
29	86	8	6
30	89	8	4
31	92	8	3
32	95	8	2
33	98	8	0
34	101	7	11
35	104	7	9
36	107	7	8
37	110	7	6
38	113	7	5
39	116	7	3
40	119	7	2
41	122	7	1
42	125	6	11
43	128	6	10
44	131	6	8
45	134	6	7

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	0	8	11	6
½	1	5	11	0
¾	2	2	10	6

Ft. long	Side 21 Inch.			Ft. long	Side 21 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	0	9	1	3	1	7
2	6	1	6	2	6	3	3
3	9	2	3	3	9	4	10
4	12	3	0	4	12	6	6
5	15	3	9	5	15	8	1
6	18	4	6	6	18	9	9
7	21	5	3	7	21	11	4
8	24	6	0	8	25	1	0
9	27	6	9	9	28	2	8
10	30	7	6	10	31	4	3
11	33	8	3	11	34	5	11
12	36	9	0	12	37	7	6
13	39	9	9	13	40	9	2
14	42	10	6	14	43	10	9
15	45	11	3	15	47	0	5
16	49	0	0	16	50	2	1
17	52	0	9	17	53	3	8
18	55	1	6	18	56	5	4
19	58	2	3	19	59	6	11
20	61	3	0	20	62	8	7
21	64	3	9	21	65	10	2
22	67	4	6	22	68	11	10
23	70	5	3	23	72	1	5
24	73	6	0	24	75	3	1
25	76	6	9	25	78	4	9
26	79	7	6	26	81	6	4
27	82	8	3	27	84	8	0
28	85	9	0	28	87	9	7
29	88	9	9	29	90	11	3
30	91	10	6	30	94	0	10
31	94	11	3	31	97	2	6
32	98	0	0	32	100	4	2
33	101	0	9	33	103	5	9
34	104	1	6	34	106	7	5
35	107	2	3	35	109	9	0
36	110	3	0	36	112	10	8
37	113	3	9	37	116	0	3
38	116	4	6	38	119	1	11
39	119	5	3	39	122	3	6
40	122	6	0	40	125	5	2
41	125	6	9	41	128	6	10
42	128	7	6	42	131	8	5
43	131	8	3	43	134	10	1
44	134	9	0	44	137	11	8
45	137	9	9	45	141	1	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In	Pa.	S.
¼	0	9	2	3	¼	0	9	4	9
½	1	6	4	6	½	1	6	9	6
¾	2	3	6	9	¾	2	3	2	3

Ft. long	Side 21 ½			Ft. long	Side 21 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	2	6	1	3	3	5
2	6	5	0	2	6	6	10
3	9	7	6	3	9	10	3
4	12	10	1	4	13	1	8
5	16	0	7	5	16	5	1
6	19	3	1	6	19	8	6
7	22	5	7	7	22	11	11
8	25	8	2	8	26	3	4
9	28	10	8	9	29	6	9
10	32	1	2	10	32	10	2
11	35	3	8	11	36	1	7
12	38	6	3	12	39	5	0
13	41	8	9	13	42	8	5
14	44	11	3	14	45	11	10
15	48	1	9	15	49	3	3
16	51	4	4	16	52	6	9
17	54	6	10	17	55	10	2
18	57	9	4	18	59	1	7
19	60	11	10	19	62	5	0
20	64	2	5	20	65	8	5
21	67	4	11	21	68	11	10
22	70	7	5	22	72	3	3
23	73	9	11	23	75	6	8
24	77	0	6	24	78	10	1
25	80	3	0	25	82	1	6
26	83	5	6	26	85	4	11
27	85	8	0	27	88	8	4
28	89	10	7	28	91	11	9
29	93	1	1	29	95	3	2
30	96	3	7	30	98	6	7
31	99	6	1	31	101	10	0
32	102	8	8	32	105	1	6
33	105	11	2	33	108	4	11
34	109	1	8	34	111	8	4
35	112	4	2	35	114	11	9
36	115	6	9	36	118	3	2
37	118	9	3	37	121	6	7
38	121	11	9	38	124	10	0
39	125	2	3	39	128	1	5
40	128	4	10	40	131	4	10
41	131	7	4	41	134	8	3
42	134	9	10	42	137	11	8
43	138	0	4	43	141	3	1
44	141	2	11	44	144	6	6
45	144	5	5	45	147	9	11

Quarters of a Foot.					*Quarters* of a Foot.				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	9	7	6	¼	0	9	10	3
½	1	7	3	0	½	1	7	8	6
¾	2	4	10	6	¾	2	5	6	9

Ft. long	Side 22 Inch.			Ft. long	Side 22 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	4	4	1	3	5	3
2	6	8	8	2	6	10	6
3	10	1	0	3	10	3	9
4	13	5	4	4	13	9	2
5	16	9	8	5	17	2	3
6	20	2	0	6	20	7	6
7	23	6	4	7	24	0	9
8	26	10	8	8	27	6	0
9	30	3	0	9	30	11	3
10	33	7	4	10	34	4	6
11	36	11	8	11	37	9	9
12	40	4	0	12	41	3	0
13	43	8	4	13	44	8	3
14	47	0	8	14	48	1	6
15	50	5	0	15	51	6	9
16	53	9	4	16	55	0	1
17	57	1	8	17	58	5	4
18	60	6	0	18	61	10	7
19	63	10	4	19	65	3	10
20	67	2	8	20	68	9	1
21	70	7	0	21	72	2	4
22	73	11	4	22	75	7	7
23	77	3	8	23	79	0	10
24	80	8	0	24	82	6	1
25	84	0	4	25	85	11	4
26	87	4	8	26	89	4	7
27	90	9	0	27	92	9	10
28	94	1	4	28	96	3	1
29	97	5	8	29	99	8	4
30	100	10	0	30	103	1	7
31	104	2	4	31	106	6	10
32	107	6	8	32	110	0	2
33	110	11	0	33	113	5	5
34	114	3	4	34	116	10	8
35	117	7	8	35	120	3	11
36	121	0	0	36	123	9	2
37	124	4	4	37	127	2	5
38	127	8	8	38	130	7	8
39	131	1	0	39	134	0	11
40	134	5	4	40	137	6	2
41	137	0	8	41	140	11	5
42	141	2	0	42	144	4	8
43	144	6	4	43	147	9	11
44	147	10	8	44	151	3	2
45	151	3	0	45	154	8	5

Quarters of a Foot.					*Quarters of a Foot.*				
	Ft.	In	Pa.	S		Ft.	In.	Pa.	S.
¼	0	10	1	0	¼	0	10	3	9
½	1	8	2	0	½	1	8	7	6
¾	2	6	3	0	¾	2	6	11	3

Ft. long	Side 22 ½			*Ft. long*	Side 21 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	6	2	1	3	7	1
2	7	0	4	2	7	2	3
3	10	6	6	3	10	9	4
4	14	0	9	4	14	4	6
5	17	6	11	5	17	11	7
6	21	1	1	6	21	6	9
7	24	7	3	7	25	1	10
8	28	1	6	8	28	9	0
9	31	7	8	9	32	4	2
10	35	1	10	10	35	11	3
11	38	8	0	11	39	6	5
12	42	2	3	12	43	1	6
13	45	8	5	13	46	8	8
14	49	2	7	14	50	3	9
15	52	8	9	15	53	10	11
16	56	3	0	16	57	6	1
17	59	9	2	17	61	1	2
18	63	3	4	18	64	8	4
19	66	9	6	19	68	3	5
20	70	3	9	20	71	10	7
21	73	9	11	21	75	5	8
22	77	4	1	22	79	0	10
23	80	10	3	23	82	7	11
24	84	4	6	24	86	3	1
25	87	10	8	25	89	10	3
26	91	4	10	26	93	5	4
27	94	11	0	27	97	0	6
28	98	5	3	28	100	7	7
29	101	11	5	29	104	2	9
30	105	5	7	30	107	9	10
31	108	11	9	31	111	5	0
32	112	6	0	32	115	0	2
33	116	0	2	33	118	7	3
34	119	6	4	34	122	2	5
35	123	0	6	35	125	9	6
36	126	6	9	36	129	4	8
37	130	0	11	37	132	11	9
38	133	7	1	38	136	6	11
39	137	1	3	39	140	2	0
40	140	7	6	40	143	9	2
41	144	1	8	41	147	4	4
42	147	7	10	42	150	11	5
43	151	2	0	43	154	6	7
44	154	8	3	44	158	1	8
45	158	2	5	45	161	8	10

Quarters of a Foot.					*Quarters of a Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	10	6	6	¼	0	10	9	3
½	1	9	1	0	½	1	9	6	6
¾	2	7	7	6	¾	2	8	3	9

Ft. long	Side 23 Inch.			*Ft. long*	Side 23 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	8	1	1	3	9	0
2	7	4	2	2	7	6	1
3	11	0	3	3	11	3	1
4	14	8	4	4	15	0	2
5	18	4	5	5	18	9	2
6	22	0	6	6	22	6	3
7	25	8	7	7	26	3	3
8	29	4	8	8	30	0	4
9	33	0	9	9	33	9	5
10	36	8	10	10	37	6	5
11	40	4	11	11	41	3	6
12	44	1	0	12	45	0	6
13	47	9	1	13	48	9	7
14	51	5	2	14	52	6	7
15	55	1	3	15	56	3	8
16	58	9	4	16	60	0	9
17	62	5	5	17	63	9	9
18	66	1	6	18	67	6	10
19	69	9	7	19	71	3	10
20	73	5	8	20	75	0	11
21	77	1	9	21	78	9	11
22	80	9	10	22	82	7	0
23	84	5	11	23	86	4	0
24	88	2	0	24	90	1	1
25	91	10	1	25	93	10	2
26	95	6	2	26	97	7	2
27	99	2	3	27	101	4	3
28	102	10	4	28	105	1	3
29	106	6	5	29	108	10	4
30	110	2	6	30	112	7	4
31	113	10	7	31	116	4	5
32	117	6	8	32	120	1	6
33	121	2	9	33	123	10	6
34	124	10	10	34	127	7	7
35	128	6	11	35	131	4	7
36	132	3	0	36	135	1	8
37	135	11	1	37	138	10	8
38	139	7	2	38	142	7	9
39	143	3	3	39	146	4	9
40	146	11	4	40	150	1	10
41	150	7	5	41	153	10	11
42	154	3	6	42	157	7	11
43	157	11	7	43	161	5	0
44	161	7	8	44	165	2	0
45	165	3	9	45	168	11	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	0	11	0	3	$\frac{1}{4}$	0	11	3	0
$\frac{1}{2}$	1	10	0	6	$\frac{1}{2}$	1	10	6	0
$\frac{3}{4}$	2	9	0	9	$\frac{3}{4}$	2	9	9	0

Ft. long	Side 23 ½		
	Ft.	In.	Pa.
1	3	10	0
2	7	8	0
3	11	6	0
4	15	4	1
5	19	2	1
6	23	0	1
7	26	10	1
8	30	8	2
9	34	6	2
10	38	4	2
11	42	2	2
12	46	0	3
13	49	10	3
14	53	8	3
15	57	6	3
16	61	4	4
17	65	2	4
18	69	0	4
19	72	10	4
20	76	8	5
21	80	6	5
22	84	4	5
23	88	2	5
24	92	0	6
25	95	10	6
26	99	8	6
27	103	6	6
28	107	4	7
29	111	2	7
30	115	0	7
31	118	10	7
32	122	8	8
33	126	6	8
34	130	4	8
35	134	2	8
36	138	0	9
37	141	10	9
38	145	8	9
39	149	6	9
40	153	4	10
41	157	2	10
42	161	0	10
43	164	10	10
44	168	8	11
45	172	6	11

Quarters of a *Foot*

	Ft.	In	Pa	S
¼	0	11	6	0
½	1	11	0	0
¾	2	10	6	0

Ft. long	Side 23 ¾		
	Ft.	In.	Pa.
1	3	11	0
2	7	10	0
3	11	9	0
4	15	8	0
5	19	7	0
6	23	6	0
7	27	5	0
8	31	4	0
9	35	3	0
10	39	2	0
11	43	11	0
12	47	0	0
13	50	11	0
14	54	10	0
15	58	9	0
16	62	8	1
17	66	7	1
18	70	6	1
19	74	5	1
20	78	4	1
21	82	3	1
22	86	2	1
23	90	1	1
24	94	0	1
25	97	11	1
26	101	10	1
27	105	9	1
28	109	8	1
29	113	7	1
30	117	6	1
31	121	5	1
32	125	4	2
33	129	3	2
34	133	2	2
35	137	1	2
36	141	0	2
37	144	11	2
38	148	10	2
39	152	9	2
40	156	8	2
41	160	7	2
42	164	6	2
43	168	5	2
44	172	4	2
45	176	3	2

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.
¼	0	11	9	0
½	1	11	6	0
¾	2	11	3	0

Ft long	Side 24 Inch.			Ft. long	Side 24 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	0	0	1	4	1	0
2	8	0	0	2	8	2	0
3	12	0	0	3	12	3	0
4	16	0	0	4	16	4	0
5	20	0	0	5	20	5	0
6	24	0	0	6	24	6	0
7	28	0	0	7	28	7	0
8	32	0	0	8	32	8	0
9	36	0	0	9	36	9	0
10	40	0	0	10	40	10	0
11	44	0	0	11	44	11	0
12	48	0	0	12	49	0	0
13	52	0	0	13	53	1	0
14	56	0	0	14	57	2	0
15	60	0	0	15	61	3	0
16	64	0	0	16	65	4	1
17	68	0	0	17	69	5	1
18	72	0	0	18	73	6	1
19	76	0	0	19	77	7	1
20	80	0	0	20	81	8	1
21	84	0	0	21	85	9	1
22	88	0	0	22	89	10	1
23	92	0	0	23	93	11	1
24	96	0	0	24	98	0	1
25	100	0	0	25	102	1	1
26	104	0	0	26	106	2	1
27	108	0	0	27	110	3	1
28	112	0	0	28	114	4	1
29	116	0	0	29	118	5	1
30	120	0	0	30	122	6	1
31	124	0	0	31	126	7	1
32	128	0	0	32	130	8	2
33	132	0	0	33	134	9	2
34	136	0	0	34	138	10	2
35	140	0	0	35	142	11	2
36	144	0	0	36	147	0	2
37	148	0	0	37	151	1	2
38	152	0	0	38	155	2	2
39	156	0	0	39	159	3	2
40	160	0	0	40	163	4	2
41	164	0	0	41	167	5	2
42	168	0	0	42	171	6	2
43	172	0	0	43	175	7	2
44	176	0	0	44	179	8	2
45	180	0	0	45	183	9	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	1	0	0	0	$\frac{1}{4}$	1	0	3	0
$\frac{1}{2}$	2	0	0	0	$\frac{1}{2}$	2	0	6	0
$\frac{3}{4}$	3	0	0	0	$\frac{3}{4}$	3	0	9	0

Ft. long	Side 24 $\frac{1}{2}$			*Ft. long*	Side 24 $\frac{3}{4}$		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	4	2	0	1	4	3	0
2	8	4	0	2	8	6	1
3	12	6	0	3	12	9	1
4	16	8	1	4	17	0	2
5	20	10	1	5	21	3	2
6	25	0	1	6	25	6	3
7	29	2	1	7	29	9	3
8	33	4	2	8	34	0	4
9	37	6	2	9	38	3	5
10	41	8	2	10	42	6	5
11	45	10	2	11	46	9	6
12	50	0	3	12	51	0	6
13	54	2	3	13	55	3	7
14	58	4	3	14	59	6	7
15	62	6	3	15	63	9	8
16	66	8	4	16	68	0	9
17	70	10	4	17	72	3	9
18	75	0	4	18	76	6	10
19	79	2	4	19	80	9	10
20	83	4	5	20	85	0	11
21	87	6	5	21	89	3	11
22	91	8	5	22	93	7	0
23	95	10	5	23	97	10	0
24	100	0	6	24	102	1	1
25	104	2	6	25	106	4	2
26	108	4	6	26	110	7	2
27	112	6	6	27	114	10	3
28	116	8	7	28	119	1	3
29	120	10	7	29	123	4	4
30	125	0	7	30	127	7	4
31	129	2	7	31	131	10	5
32	133	4	8	32	136	1	6
33	137	6	8	33	140	4	6
34	141	8	8	34	144	7	7
35	145	10	8	35	148	10	7
36	150	0	9	36	153	1	8
37	154	2	9	37	157	4	8
38	158	4	9	38	161	7	9
39	162	6	9	39	165	10	9
40	166	8	10	40	170	1	10
41	170	10	10	41	174	4	11
42	175	0	10	42	178	7	11
43	179	2	10	43	182	11	0
44	183	4	11	44	187	2	0
45	187	6	11	45	191	5	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S
$\frac{1}{4}$	1	0	6	0	$\frac{1}{4}$	1	0	9	0
$\frac{1}{2}$	2	1	0	0	$\frac{1}{2}$	2	1	6	0
$\frac{3}{4}$	3	1	6	0	$\frac{3}{4}$	3	2	3	0

Ft. long	Side 25 Inch.		
	Ft.	In.	Pa.
1	4	4	1
2	8	8	2
3	13	0	3
4	17	4	4
5	21	8	5
6	26	0	6
7	30	4	7
8	34	8	8
9	39	0	9
10	43	4	10
11	47	8	11
12	52	1	0
13	56	5	1
14	60	9	2
15	65	1	3
16	69	5	4
17	73	9	5
18	78	1	6
19	82	5	7
20	86	9	8
21	91	1	9
22	95	5	10
23	99	9	11
24	104	2	0
25	108	6	1
26	112	10	2
27	117	2	3
28	121	6	4
29	125	10	5
30	130	2	6
31	134	6	7
32	138	10	8
33	143	2	9
34	147	6	10
35	151	10	11
36	156	3	0
37	160	7	1
38	164	11	2
39	169	3	3
40	173	7	4
41	177	11	5
42	182	3	6
43	186	7	7
44	190	11	8
45	195	3	9

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	1	1	0	3
½	2	2	0	6
¾	3	3	0	9

Ft. long	Side 25 ¼		
	Ft.	In.	Pa.
1	4	5	1
2	8	10	3
3	13	3	4
4	17	8	6
5	22	1	7
6	26	6	9
7	30	11	10
8	35	5	0
9	39	10	2
10	44	3	3
11	48	8	5
12	53	1	6
13	57	6	8
14	61	11	9
15	66	4	11
16	70	10	1
17	75	3	2
18	79	8	4
19	84	1	5
20	88	6	7
21	92	11	8
22	97	4	10
23	101	9	11
24	106	3	1
25	110	8	3
26	115	1	4
27	119	6	6
28	123	11	7
29	128	4	9
30	132	9	10
31	137	3	0
32	141	8	2
33	146	1	3
34	150	6	5
35	154	11	6
36	159	4	8
37	163	9	9
38	168	2	11
39	172	8	0
40	177	1	2
41	181	6	4
42	185	11	5
43	190	4	7
44	194	9	8
45	199	2	10

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	1	1	3	3
½	2	2	6	6
¾	3	3	9	9

Ft. long	Side 25 ½		
	Ft.	In.	Pa
1	4	6	2
2	9	0	4
3	13	6	6
4	18	0	9
5	22	6	11
6	27	1	1
7	31	7	3
8	36	1	6
9	40	7	8
10	45	1	10
11	49	8	0
12	54	2	3
13	58	8	5
14	63	2	7
15	67	8	9
16	72	3	0
17	76	9	2
18	81	3	4
19	85	9	6
20	90	3	9
21	94	9	11
22	99	4	1
23	103	10	3
24	108	4	6
25	112	10	8
26	117	4	10
27	121	11	0
28	126	5	3
29	130	11	5
30	135	5	7
31	139	11	9
32	144	6	0
33	149	0	2
34	153	6	4
35	158	0	6
36	162	6	9
37	167	0	11
38	171	7	1
39	176	1	3
40	180	7	6
41	185	1	8
42	189	7	10
43	194	2	0
44	98	8	3
45	203	2	5

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	1	1	6	6
½	2	3	1	0
¾	3	4	7	6

Ft. long	Side 25 ¾		
	Ft.	In.	Pa.
1	4	7	3
2	9	2	6
3	13	9	9
4	18	5	0
5	23	0	3
6	27	7	6
7	32	2	9
8	36	10	0
9	41	5	3
10	46	0	6
11	50	7	9
12	55	3	0
13	59	10	3
14	64	5	6
15	69	0	9
16	73	8	1
17	78	3	4
18	82	10	7
19	87	5	10
20	92	1	1
21	96	8	4
22	101	3	7
23	105	10	10
24	110	6	1
25	115	1	4
26	119	8	7
27	124	3	10
28	128	11	1
29	133	6	4
30	138	1	7
31	142	8	10
32	147	4	2
33	151	11	5
34	156	6	8
35	161	1	11
36	165	9	2
37	170	4	5
38	174	11	8
39	179	6	11
40	184	2	2
41	188	9	5
42	193	4	8
43	197	11	11
44	202	7	2
45	207	2	5

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	1	1	9	9
½	2	3	7	6
¾	3	5	5	3

Ft. long	Side 26 Inch.			Ft. long	Side 26 ¼		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	4	8	4	1	4	9	5
2	9	4	8	2	9	6	10
3	14	1	0	3	14	4	3
4	18	9	4	4	19	1	8
5	23	5	8	5	23	11	1
6	28	2	0	6	28	8	6
7	32	10	4	7	33	5	11
8	37	6	8	8	38	3	4
9	42	3	0	9	43	0	9
10	46	11	4	10	47	10	2
11	51	7	8	11	52	7	7
12	56	4	0	12	57	5	0
13	61	0	4	13	62	2	5
14	65	8	8	14	66	11	10
15	70	5	0	15	71	9	3
16	75	1	4	16	76	6	9
17	79	9	8	17	81	4	2
18	84	6	0	18	86	1	7
19	89	2	4	19	90	11	0
20	93	10	8	20	95	8	5
21	98	7	0	21	100	5	10
22	103	3	4	22	105	3	3
23	107	11	8	23	110	0	8
24	112	8	0	24	114	10	1
25	117	4	4	25	119	7	6
26	122	0	8	26	124	4	11
27	126	9	0	27	129	2	4
28	131	5	4	28	133	11	9
29	136	1	8	29	138	9	2
30	140	10	0	30	143	6	7
31	145	6	4	31	148	4	0
32	150	2	8	32	153	1	5
33	154	11	0	33	157	10	11
34	159	7	4	34	162	8	4
35	164	3	8	35	167	5	9
36	169	0	0	36	172	3	2
37	173	8	4	37	177	0	7
38	178	4	8	38	181	10	0
39	183	1	0	39	186	7	5
40	187	9	4	40	191	4	10
41	192	5	8	41	196	2	3
42	197	2	0	42	200	11	8
43	201	10	4	43	205	9	1
44	206	6	8	44	210	6	6
45	211	3	0	45	215	3	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa.	S		Ft.	In.	Pa.	S.
¼	1	2	1	0	¼	1	2	4	3
½	2	4	2	0	½	2	4	8	6
¾	3	6	3	0	¾	3	7	0	9

Ft. long	Side 26 ½			Ft long	Side 26 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	10	6	1	4	11	7
2	9	9	0	2	9	11	3
3	14	7	6	3	14	10	10
4	19	6	1	4	19	10	6
5	24	4	7	5	24	10	1
6	29	3	1	6	29	9	9
7	34	1	7	7	34	9	4
8	39	0	2	8	39	9	0
9	43	10	8	9	44	8	8
10	48	9	2	10	49	8	3
11	53	7	8	11	54	7	11
12	58	6	3	12	59	7	6
13	63	4	9	13	64	7	2
14	68	3	3	14	69	6	9
15	73	1	9	15	74	6	5
16	78	0	4	16	79	6	1
17	82	10	10	17	84	5	8
18	87	9	4	18	89	5	4
19	92	7	10	19	94	4	11
20	97	6	5	20	99	4	7
21	102	4	11	21	104	4	2
22	107	3	5	22	109	3	10
23	112	1	11	23	114	3	5
24	117	0	6	24	119	3	1
25	121	11	0	25	124	2	9
26	126	9	6	26	129	2	4
27	131	8	0	27	134	2	0
28	136	6	7	28	139	1	7
29	141	5	1	29	144	1	3
30	146	3	7	30	149	0	10
31	151	2	1	31	153	11	6
32	156	0	8	32	158	11	2
33	160	11	2	33	163	10	9
34	165	9	8	34	168	10	5
35	170	8	2	35	173	10	0
36	175	6	9	36	178	10	8
37	180	5	3	37	183	10	3
38	185	3	9	38	188	9	11
39	190	2	3	39	193	9	6
40	195	0	10	40	198	9	2
41	199	11	4	41	203	8	10
42	204	9	10	42	208	8	5
43	209	8	4	43	213	8	1
44	214	6	11	44	218	7	8
45	219	5	5	45	223	7	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	2	7	6	¼	1	2	10	9
½	2	5	3	0	½	2	5	9	6
¾	3	7	10	6	¾	3	8	8	3

Ft. long	Side 27 Inch.		
	Ft.	In.	Pa.
1	5	0	9
2	10	1	6
3	15	2	3
4	20	3	0
5	25	3	9
6	30	4	6
7	35	5	3
8	40	6	0
9	45	6	9
10	50	7	6
11	55	8	3
12	60	9	0
13	65	9	9
14	70	10	6
15	75	11	3
16	81	0	0
17	86	0	9
18	91	1	6
19	96	2	3
20	101	3	0
21	106	3	9
22	111	4	6
23	116	5	3
24	121	6	0
25	126	6	9
26	131	7	6
27	136	8	3
28	141	9	0
29	146	9	9
30	151	10	6
31	156	11	3
32	162	0	0
33	167	0	9
34	172	1	6
35	177	2	3
36	182	3	0
37	187	3	9
38	192	4	6
39	197	5	3
40	202	6	0
41	207	6	9
42	212	7	6
43	217	8	3
44	222	9	0
45	227	9	9

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	1	3	2	3
½	2	6	4	6
¾	3	9	6	9

Ft. long	Side 27 ¼		
	Ft.	In.	Pa.
1	5	1	10
2	10	3	9
3	15	5	7
4	20	7	6
5	25	9	4
6	30	11	3
7	36	1	1
8	41	3	0
9	46	4	11
10	51	6	9
11	56	8	8
12	61	10	6
13	67	0	5
14	72	2	3
15	77	4	2
16	82	6	1
17	87	7	11
18	92	9	10
19	97	11	8
20	103	1	7
21	108	3	5
22	113	5	4
23	118	7	2
24	123	9	1
25	128	11	0
26	134	0	10
27	139	2	9
28	144	4	7
29	149	6	6
30	154	8	4
31	159	10	3
32	165	0	2
33	170	2	0
34	175	3	11
35	180	5	9
36	185	7	8
37	190	9	6
38	195	11	5
39	201	1	3
40	206	3	2
41	211	5	1
42	216	6	11
43	221	8	10
44	226	10	8
45	232	0	7

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	1	3	5	6
½	2	6	11	0
¾	3	10	4	6

Ft. long	Side 27 $\frac{1}{2}$			Ft. long	Side 27 $\frac{3}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	3	0	1	5	4	2
2	10	6	0	2	10	8	4
3	15	9	0	3	16	0	6
4	21	0	1	4	21	4	8
5	26	3	1	5	26	8	10
6	31	6	1	6	32	1	0
7	36	9	1	7	37	5	2
8	42	0	2	8	42	9	4
9	47	3	2	9	48	1	6
10	52	6	2	10	53	5	8
11	57	9	2	11	58	9	10
12	63	0	3	12	64	2	0
13	68	3	3	13	69	6	2
14	73	6	3	14	74	10	4
15	78	9	3	15	80	2	6
16	84	0	4	16	85	6	9
17	89	3	4	17	90	10	11
18	94	6	4	18	96	3	1
19	99	9	4	19	101	7	3
20	105	0	5	20	106	11	5
21	110	3	5	21	112	3	7
22	115	6	5	22	117	7	9
23	120	9	5	23	122	11	11
24	126	0	6	24	128	4	1
25	131	3	6	25	133	8	3
26	136	6	6	26	139	0	5
27	141	9	6	27	144	4	7
28	147	0	7	28	149	8	9
29	152	3	7	29	155	0	11
30	157	6	7	30	160	5	1
31	162	9	7	31	165	9	3
32	168	0	8	32	171	1	6
33	173	3	8	33	176	5	8
34	178	6	8	34	181	9	10
35	183	9	8	35	187	2	0
36	189	0	9	36	192	6	2
37	194	3	9	37	197	10	4
38	199	6	9	38	203	2	6
39	204	9	9	39	208	6	8
40	210	0	10	40	213	10	10
41	215	3	10	41	219	3	0
42	220	6	10	42	224	7	2
43	225	9	10	43	229	11	4
44	231	0	11	44	235	3	6
45	236	3	11	45	240	7	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S		Ft.	In.	Pa.	S.
$\frac{1}{4}$	1	3	9	0	$\frac{1}{4}$	1	4	0	6
$\frac{1}{2}$	2	7	6	0	$\frac{1}{2}$	2	8	1	0
$\frac{3}{4}$	3	11	3	0	$\frac{3}{4}$	4	0	1	6

Ft. long	Side 28 Inch.			*Ft. long*	Side 28 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	5	4	1	5	6	6
2	10	10	8	2	11	1	0
3	16	4	0	3	16	7	6
4	21	9	4	4	22	2	0
5	27	2	8	5	27	8	6
6	32	8	0	6	33	3	0
7	38	1	4	7	38	9	6
8	43	6	8	8	44	4	0
9	49	0	0	9	49	10	6
10	54	5	4	10	55	5	0
11	59	10	8	11	60	11	6
12	65	4	0	12	66	6	0
13	70	9	4	13	72	0	6
14	76	2	8	14	77	7	0
15	81	8	0	15	83	1	6
16	87	1	4	16	88	8	1
17	92	6	8	17	94	2	7
18	98	0	0	18	99	9	1
19	103	5	4	19	105	3	7
20	108	10	8	20	110	10	1
21	114	4	0	21	116	4	7
22	119	9	4	22	121	11	1
23	125	2	8	23	127	5	7
24	130	8	0	24	133	0	1
25	136	1	4	25	138	6	7
26	141	6	8	26	144	1	1
27	147	0	0	27	149	7	7
28	152	5	4	28	155	2	1
29	157	10	8	29	160	8	7
30	163	4	0	30	166	3	1
31	168	9	4	31	171	9	7
32	174	2	8	32	177	4	2
33	179	8	0	33	182	10	8
34	185	1	4	34	188	5	2
35	190	6	8	35	193	11	8
36	196	0	0	36	199	6	2
37	201	5	4	37	205	0	8
38	206	10	8	38	210	7	2
39	212	4	0	39	216	1	8
40	217	9	4	40	221	8	2
41	223	2	8	41	227	2	8
42	228	8	0	42	232	9	2
43	234	1	4	43	238	3	8
44	239	6	8	44	243	10	2
45	245	0	0	45	249	4	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S		Ft.	In.	Pa.	S.
$\frac{1}{4}$	1	4	4	0	$\frac{1}{4}$	1	4	7	6
$\frac{1}{2}$	2	8	8	0	$\frac{1}{2}$	2	9	3	0
$\frac{3}{4}$	4	1	0	0	$\frac{3}{4}$	4	1	10	6

Ft. long	Side 28 $\frac{1}{2}$			Ft. long	Side 28 $\frac{3}{4}$		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	5	7	8	1	5	8	10
2	11	3	4	2	11	5	9
3	16	11	0	3	17	2	7
4	22	6	9	4	22	11	6
5	28	2	5	5	28	8	4
6	33	10	1	6	34	5	3
7	39	5	9	7	40	2	1
8	45	1	6	8	45	11	0
9	50	9	2	9	51	7	11
10	56	4	10	10	57	4	9
11	62	0	6	11	63	1	8
12	67	8	3	12	68	10	6
13	73	3	11	13	74	7	5
14	78	11	7	14	80	4	3
15	84	7	3	15	86	1	2
16	90	3	0	16	91	10	1
17	95	10	8	17	97	6	11
18	101	6	4	18	103	3	10
19	107	2	0	19	109	0	8
20	112	9	9	20	114	9	7
21	118	5	5	21	120	6	5
22	124	1	1	22	126	3	4
23	129	8	9	23	132	0	2
24	135	4	6	24	137	9	1
25	141	0	2	25	143	6	0
26	146	7	10	26	149	2	10
27	152	3	6	27	154	11	9
28	157	11	3	28	160	8	7
29	163	6	11	29	166	5	6
30	169	2	7	30	172	2	4
31	174	10	3	31	177	11	3
32	180	6	0	32	183	8	2
33	186	1	8	33	189	5	0
34	191	9	4	34	195	1	11
35	197	5	0	35	200	10	9
36	203	0	9	36	206	7	8
37	208	8	5	37	212	4	6
38	214	4	1	38	218	1	5
39	219	11	9	39	223	10	3
40	225	7	6	40	229	7	2
41	231	3	2	41	235	4	1
42	236	10	10	42	241	0	11
43	242	6	6	43	246	9	9
44	248	2	3	44	252	6	7
45	253	9	11	45	258	3	0

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	1	4	11	0	$\frac{1}{4}$	1	5	2	6
$\frac{1}{2}$	2	9	10	0	$\frac{1}{2}$	2	10	5	0
$\frac{3}{4}$	4	2	0	0	$\frac{3}{4}$	4	3	7	6

Ft. long	Side 29 Inch.			Ft. long	Side 29 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	10	1	1	5	11	3
2	11	8	2	2	11	10	7
3	17	6	3	3	17	9	10
4	23	4	4	4	23	9	2
5	29	2	5	5	29	8	5
6	35	0	6	6	35	7	9
7	40	10	7	7	41	7	0
8	46	8	8	8	47	6	4
9	52	6	9	9	53	5	8
10	58	4	10	10	59	4	11
11	64	2	11	11	65	4	3
12	70	1	0	12	71	3	6
13	75	11	1	13	77	2	10
14	81	9	2	14	83	2	1
15	87	7	3	15	89	1	5
16	93	5	4	16	95	0	9
17	99	3	5	17	101	0	0
18	105	1	6	18	106	11	4
19	110	11	7	19	112	10	7
20	116	9	8	20	118	9	11
21	122	7	9	21	124	9	2
22	128	5	10	22	130	8	6
23	134	3	11	23	136	7	9
24	140	2	0	24	142	7	1
25	146	0	1	25	148	6	5
26	151	10	2	26	154	5	8
27	157	8	3	27	160	5	0
28	143	6	4	28	166	4	3
29	169	4	5	29	172	3	7
30	175	2	6	30	178	2	10
31	181	0	7	31	184	2	2
32	186	10	8	32	190	1	6
33	192	8	9	33	196	0	9
34	198	6	10	34	202	0	1
35	204	4	11	35	207	11	4
36	210	3	0	36	213	10	8
37	216	1	1	37	219	9	11
38	221	11	2	38	225	9	3
39	227	9	3	39	231	8	6
40	233	7	4	40	237	7	10
41	239	5	5	41	243	7	2
42	245	3	6	42	249	6	5
43	251	1	7	43	255	5	9
44	256	11	8	44	261	5	0
45	262	9	9	45	267	4	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	
¼	1	5	6	3	¼	1	5	9	9
½	2	11	0	6	½	2	11	7	6
¾	4	4	6	9	¾	4	5	5	3

Ft. long	Side 29 ½			Ft. long	Side 29 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	0	6	1	6	1	9
2	12	1	0	2	12	3	6
3	18	1	6	3	18	5	3
4	24	2	1	4	24	7	0
5	30	2	7	5	30	8	9
6	36	3	1	6	36	10	6
7	42	3	7	7	43	0	3
8	48	4	2	8	49	2	0
9	54	4	8	9	55	3	9
10	60	5	2	10	61	5	6
11	66	5	8	11	67	7	3
12	72	6	3	12	73	9	0
13	78	6	9	13	79	10	9
14	84	7	3	14	86	0	6
15	90	7	9	15	92	2	3
16	96	8	4	16	98	4	0
17	102	8	10	17	104	5	10
18	108	9	4	18	110	7	7
19	114	9	10	19	116	9	4
20	120	10	5	20	122	11	1
21	126	10	11	21	129	0	10
22	132	11	5	22	135	2	7
23	138	11	11	23	141	4	4
24	145	0	6	24	147	6	1
25	151	1	0	25	153	7	10
26	157	1	6	26	159	9	7
27	163	2	0	27	165	11	4
28	169	2	7	28	172	1	1
29	175	3	1	29	178	2	10
30	181	3	7	30	184	4	7
31	187	4	1	31	190	6	4
32	193	4	8	32	196	8	2
33	199	5	2	33	202	9	11
34	205	5	8	34	208	11	8
35	211	6	2	35	215	1	5
36	217	6	9	36	221	3	2
37	223	7	3	37	227	4	11
38	229	7	9	38	233	6	8
39	235	8	3	39	239	8	5
40	241	8	10	40	245	10	2
41	247	9	4	41	251	11	11
42	253	9	10	42	258	1	8
43	259	10	4	43	264	3	5
44	265	10	11	44	270	5	2
45	271	11	5	45	276	6	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	6	1	6	¼	1	6	5	3
½	3	0	3	0	½	3	0	10	6
¾	4	6	4	6	¾	4	7	3	9

Ft. long	Side 30 Inch.			Ft. long	Side 30 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	3	0	1	6	4	3
2	12	6	0	2	12	8	6
3	18	9	0	3	19	0	9
4	25	0	0	4	25	5	0
5	31	3	0	5	31	9	3
6	37	6	0	6	38	1	6
7	43	9	0	7	44	5	9
8	50	0	0	8	50	10	0
9	56	3	0	9	57	2	3
10	62	6	0	10	63	6	6
11	68	9	0	11	69	10	9
12	75	0	0	12	76	3	0
13	81	3	0	13	82	7	3
14	87	6	0	14	88	11	6
15	93	9	0	15	95	3	9
16	100	0	0	16	101	8	1
17	106	3	0	17	108	0	4
18	112	6	0	18	114	4	7
19	118	9	0	19	120	8	10
20	125	0	0	20	127	1	1
21	131	3	0	21	133	5	4
22	137	6	0	22	139	9	7
23	143	9	0	23	146	1	10
24	150	0	0	24	152	6	1
25	156	3	0	25	158	10	4
26	162	6	0	26	165	2	7
27	168	9	0	27	171	6	10
28	175	0	0	28	177	11	1
29	181	3	0	29	184	3	4
30	187	6	0	30	190	7	7
31	193	9	0	31	196	11	10
32	200	0	0	32	203	4	2
33	206	3	0	33	209	8	5
34	212	6	0	34	216	0	8
35	218	9	0	35	222	4	11
36	225	0	0	36	228	9	2
37	231	3	0	37	235	1	5
38	237	6	0	38	241	5	8
39	243	9	0	39	247	9	11
40	250	0	0	40	254	2	2
41	256	3	0	41	260	6	5
42	262	6	0	42	266	10	8
43	268	9	0	43	273	2	11
44	275	0	0	44	279	7	2
45	281	3	0	45	285	11	5

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	1	6	9	0	$\frac{1}{4}$	1	7	0	9
$\frac{1}{2}$	3	1	6	0	$\frac{1}{2}$	3	2	1	6
$\frac{3}{4}$	4	8	3	0	$\frac{3}{4}$	4	9	2	3

Ft. long	Side 30 $\frac{1}{2}$			Ft. long	Side 30 $\frac{3}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	5	6	1	6	6	9
2	12	11	0	2	13	1	7
3	19	4	6	3	19	8	4
4	25	10	1	4	26	3	2
5	32	3	7	5	32	9	11
6	38	9	1	6	39	4	9
7	45	2	7	7	45	11	6
8	51	8	2	8	52	6	4
9	58	1	8	9	59	1	2
10	64	7	2	10	65	7	11
11	71	0	8	11	72	2	10
12	77	6	3	12	78	9	6
13	83	11	9	13	85	4	4
14	90	5	3	14	91	11	1
15	96	10	9	15	98	5	11
16	103	4	4	16	105	0	9
17	109	9	10	17	111	7	6
18	116	3	4	18	118	2	4
19	122	8	10	19	124	9	1
20	129	2	5	20	131	3	11
21	135	7	11	21	137	10	8
22	142	1	5	22	144	5	6
23	148	6	11	23	151	0	3
24	155	0	6	24	157	7	1
25	161	6	0	25	164	1	11
26	167	11	6	26	170	8	8
27	174	5	0	27	177	3	6
28	180	10	7	28	183	10	3
29	187	4	1	29	190	5	1
30	193	9	7	30	196	11	10
31	200	3	1	31	203	6	8
32	206	8	8	32	210	1	6
33	213	2	2	33	216	8	3
34	219	7	8	34	223	3	1
35	226	1	2	35	229	9	10
36	232	6	9	36	336	4	8
37	239	0	3	37	242	11	5
38	245	5	9	38	249	6	3
39	251	11	3	39	256	1	0
40	258	4	10	40	262	7	10
41	264	10	4	41	269	2	7
42	271	3	10	42	275	9	5
43	277	9	4	43	282	4	2
44	284	2	11	44	288	11	0
45	290	8	5	45	295	5	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	1	7	4	6	$\frac{1}{4}$	1	7	8	3
$\frac{1}{2}$	3	2	9	0	$\frac{1}{2}$	3	3	4	6
$\frac{3}{4}$	4	10	1	6	$\frac{3}{4}$	4	11	0	9

Ft. long	Side 31 Inch.			Ft. long	Side 31 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	8	1	1	6	9	4
2	13	4	2	2	13	6	9
3	20	0	3	3	20	4	1
4	26	8	4	4	27	1	6
5	33	4	5	5	33	10	10
6	40	0	6	6	40	8	3
7	46	8	7	7	47	5	7
8	53	4	8	8	54	3	0
9	60	0	9	9	61	0	5
10	66	8	10	10	67	9	9
11	73	4	11	11	74	7	2
12	80	1	0	12	81	4	6
13	86	9	1	13	88	1	11
14	93	5	2	14	94	11	3
15	100	1	3	15	101	8	8
16	106	9	4	16	108	6	1
17	113	5	5	17	115	3	5
18	120	1	6	18	122	0	10
19	126	9	7	19	128	10	2
20	133	5	8	20	135	7	7
21	140	1	9	21	142	4	11
22	146	9	10	22	149	2	4
23	153	5	11	23	155	11	8
24	160	2	0	24	162	9	1
25	166	10	1	25	169	6	6
26	173	6	2	26	176	3	10
27	180	2	3	27	183	1	3
28	186	10	4	28	189	10	7
29	193	6	5	29	196	8	0
30	200	2	6	30	203	5	4
31	206	10	7	31	210	2	9
32	213	6	8	32	217	0	2
33	220	2	9	33	223	9	6
34	226	10	10	34	230	6	11
35	233	6	11	35	237	4	3
36	240	3	0	36	244	1	8
37	246	11	1	37	250	11	0
38	253	7	2	38	257	8	1
39	260	3	3	39	264	5	9
40	266	11	4	40	271	3	2
41	273	7	5	41	278	0	7
42	280	3	6	42	284	9	11
43	286	11	7	43	291	7	4
44	293	7	8	44	298	4	8
45	300	3	9	45	305	2	1

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	1	8	0	3	$\frac{1}{4}$	1	8	4	0
$\frac{1}{2}$	3	4	0	6	$\frac{1}{2}$	3	4	8	0
$\frac{3}{4}$	5	0	0	0	$\frac{3}{4}$	5	1	0	0

Ft. long	Side 31 ½ Ft.	Side 31 ½ In.	Side 31 ½ Pa.	Ft. long	Side 31 ¾ Ft.	Side 31 ¾ In.	Side 31 ¾ Pa.
1	6	10	8	1	7	0	0
2	13	9	4	2	14	0	0
3	20	8	0	3	21	0	0
4	27	6	9	4	28	0	0
5	34	5	5	5	35	0	0
6	41	4	1	6	42	0	0
7	48	2	9	7	49	0	0
8	55	1	9	8	56	0	0
9	62	0	2	9	63	0	0
10	68	10	10	10	70	0	0
11	75	9	6	11	77	0	0
12	82	8	3	12	84	0	0
13	89	6	11	13	91	0	0
14	96	5	7	14	98	0	0
15	103	4	3	15	105	0	0
16	110	3	0	16	112	0	1
17	117	1	8	17	119	0	1
18	124	0	4	18	126	0	1
19	130	11	0	19	133	0	1
20	137	9	9	20	140	0	1
21	144	8	5	21	147	0	1
22	151	7	1	22	154	0	1
23	158	5	9	23	161	0	1
24	165	4	6	24	168	0	1
25	172	3	2	25	175	0	1
26	179	1	10	26	182	0	1
27	186	0	6	27	189	0	1
28	192	11	3	28	196	0	1
29	199	9	11	29	203	0	1
30	206	8	7	30	210	0	1
31	213	7	3	31	217	0	1
32	220	6	0	32	224	0	2
33	227	4	8	33	231	0	2
34	234	3	4	34	238	0	2
35	241	2	0	35	245	0	2
36	248	0	9	36	252	0	2
37	254	11	5	37	259	0	2
38	261	10	1	38	266	0	2
39	268	8	9	39	273	0	2
40	275	7	6	40	280	0	2
41	282	6	2	41	287	0	2
42	289	4	10	42	294	0	2
43	296	3	6	43	301	0	2
44	303	2	3	44	308	0	2
45	310	0	11	45	315	0	2

Quarters of a *Foot*	Ft.	In	Pa	S.	*Quarters* of a *Foot*.	Ft.	In.	Pa.	S.
¼	1	8	8	0	¼	1	9	0	0
½	3	5	4	0	½	3	6	0	0
¾	5	2	0	0	¾	5	3	0	0

Ft. long	Side 32 Inch.		
	Ft.	In.	Pa.
1	7	1	4
2	14	2	8
3	21	4	0
4	28	5	4
5	35	6	8
6	42	8	0
7	49	9	4
8	56	10	8
9	64	0	0
10	71	1	4
11	78	2	8
12	85	4	0
13	92	5	4
14	99	6	8
15	106	8	0
16	113	9	4
17	120	10	8
18	128	0	0
19	135	1	4
20	142	2	8
21	149	4	0
22	156	5	4
23	163	6	8
24	170	8	0
25	177	9	4
26	184	10	8
27	192	0	0
28	199	1	4
29	206	2	8
30	213	4	0
31	220	5	4
32	227	6	8
33	234	8	0
34	241	9	4
35	248	10	8
36	256	0	0
37	263	1	4
38	270	2	8
39	277	4	0
40	284	5	4
41	291	6	8
42	298	8	0
43	305	9	4
44	312	10	8
45	320	0	0

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.
¼	1	9	4	0
½	3	6	8	0
¾	5	4	0	0

Ft. long	Side 32 ¼		
	Ft.	In.	Pa.
1	7	2	8
2	14	5	4
3	21	8	0
4	28	10	8
5	36	1	4
6	43	4	0
7	50	6	8
8	57	9	4
9	65	0	0
10	72	2	8
11	79	5	4
12	86	8	0
13	93	10	8
14	101	1	4
15	108	4	0
16	115	6	9
17	122	9	5
18	130	0	1
19	137	2	9
20	144	5	5
21	151	8	1
22	158	10	9
23	166	1	5
24	173	4	1
25	180	6	9
26	187	9	5
27	195	0	1
28	202	2	9
29	209	5	5
30	216	8	1
31	223	10	9
32	231	1	6
33	238	4	2
34	245	6	10
35	252	9	6
36	260	0	2
37	267	2	10
38	274	5	6
39	281	8	2
40	288	10	10
41	296	1	6
42	303	4	2
43	310	6	10
44	317	9	6
45	325	0	2

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.
¼	1	9	8	0
½	3	7	4	0
¾	5	5	0	0

Ft. long	Side 32 ½			Ft. long	Side 32 ¾		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	7	4	0	1	7	5	4
2	14	8	0	2	14	10	9
3	22	0	0	3	22	4	1
4	29	4	1	4	29	9	6
5	36	8	1	5	37	2	10
6	44	0	1	6	44	8	3
7	51	4	1	7	52	1	7
8	58	8	2	8	59	7	0
9	66	0	2	9	67	0	5
10	73	4	2	10	74	5	9
11	80	8	2	11	81	11	2
12	88	0	3	12	89	4	6
13	95	4	3	13	96	9	11
14	102	8	3	14	104	3	3
15	110	0	3	15	111	8	8
16	117	4	4	16	119	2	1
17	124	8	4	17	126	7	5
18	132	0	4	18	134	0	10
19	139	4	4	19	141	6	2
20	146	8	5	20	148	11	7
21	154	0	5	21	156	4	11
22	161	4	5	22	163	10	4
23	168	8	5	23	171	3	8
24	176	0	6	24	178	9	1
25	183	4	6	25	186	2	6
26	190	8	6	26	193	7	10
27	198	0	6	27	201	1	3
28	205	4	7	28	208	6	7
29	212	8	7	29	216	0	0
30	220	0	7	30	223	5	4
31	227	4	7	31	230	10	9
32	234	8	8	32	238	4	2
33	242	0	8	33	245	9	6
34	249	4	8	34	253	2	11
35	256	8	8	35	260	8	3
36	264	0	9	36	268	1	8
37	271	4	9	37	275	7	0
38	278	8	9	38	283	0	5
39	286	0	9	39	290	5	9
40	293	4	10	40	297	11	2
41	300	8	10	41	305	4	7
42	308	0	10	42	312	9	11
43	315	4	10	43	320	3	4
44	322	8	11	44	327	8	8
45	330	0	11	45	335	2	1

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	10	0	0	¼	1	10	4	0
½	3	8	0	0	½	3	8	8	0
¾	5	6	0	0	¾	5	7	0	0

Ft. long	Side 33 Inch.			*Ft. long*	Side 33 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	6	9	1	7	8	1
2	15	1	6	2	15	4	3
3	22	8	3	3	23	0	4
4	30	3	0	4	30	8	6
5	37	9	9	5	38	4	7
6	45	4	6	6	46	0	9
7	52	11	3	7	53	8	10
8	60	6	0	8	61	5	0
9	68	0	9	9	69	1	2
10	75	7	6	10	76	9	3
11	83	2	3	11	84	5	5
12	90	9	0	12	92	1	6
13	98	3	9	13	99	8	8
14	105	10	6	14	107	5	9
15	113	5	3	15	115	1	11
16	121	0	0	16	122	10	1
17	128	6	9	17	130	6	2
18	136	1	6	18	138	2	4
19	143	8	3	19	145	10	5
20	151	3	0	20	153	6	7
21	158	9	9	21	161	2	8
22	166	4	6	22	168	10	10
23	173	11	3	23	176	6	11
24	181	6	0	24	184	3	1
25	189	0	9	25	191	11	3
26	196	7	6	26	199	7	4
27	204	2	3	27	207	3	6
28	211	9	0	28	214	11	7
29	219	3	9	29	222	7	9
30	226	10	6	30	230	3	10
31	234	5	3	31	238	0	0
32	242	0	0	32	245	8	2
33	249	6	9	33	253	4	3
34	257	1	6	34	261	0	5
35	264	8	3	35	268	8	6
36	272	3	0	36	276	4	8
37	279	9	9	37	284	0	9
38	287	4	6	38	291	8	11
39	294	11	3	39	299	5	0
40	302	6	0	40	307	1	2
41	310	0	9	41	314	9	4
42	317	7	6	42	322	5	5
43	325	2	3	43	330	1	7
44	332	9	0	44	337	9	8
45	340	3	9	45	345	5	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	
¼	1	10	8	3	¼	1	11	0	3
½	3	9	4	6	½	3	10	0	6
¾	5	8	0	9	¾	5	9	0	9

Ft. long	Side 33½			*Ft. long*	Side 33¾		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	7	9	6	1	7	10	11
2	15	7	0	2	15	9	10
3	23	4	6	3	23	8	9
4	31	2	1	4	31	7	8
5	38	11	7	5	39	6	7
6	46	9	1	6	47	5	6
7	54	6	7	7	55	4	5
8	62	4	2	8	63	3	4
9	70	1	8	9	71	2	3
10	77	11	2	10	79	1	2
11	85	8	8	11	87	0	1
12	93	6	3	12	94	11	0
13	101	3	9	13	102	9	11
14	109	1	3	14	110	8	10
15	116	10	9	15	118	7	9
16	124	8	4	16	126	6	9
17	132	5	10	17	134	5	8
18	140	3	4	18	142	4	7
19	148	0	10	19	150	3	6
20	155	10	5	20	158	2	5
21	163	7	11	21	166	1	4
22	171	5	5	22	174	0	3
23	179	2	11	23	181	11	2
24	187	0	6	24	189	10	1
25	194	10	0	25	197	9	0
26	202	7	6	26	205	7	11
27	210	5	0	27	213	6	10
28	218	2	7	28	221	5	9
29	226	0	1	29	229	4	8
30	233	9	7	30	237	3	7
31	241	7	1	31	245	2	6
32	249	4	8	32	253	1	6
33	257	2	2	33	261	0	5
34	264	11	8	34	268	11	4
35	272	9	2	35	276	10	3
36	280	6	9	36	284	9	2
37	288	4	3	37	292	8	1
38	296	1	9	38	300	7	0
39	303	11	3	39	308	5	11
40	311	8	10	40	316	4	10
41	319	6	4	41	324	3	9
42	327	3	10	42	332	2	8
43	335	1	4	43	340	1	7
44	342	10	11	44	348	0	6
45	350	8	5	45	355	11	5

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	11	4	6	¼	1	11	8	9
½	3	10	9	0	½	3	11	5	6
¾	5	10	1	6	¾	5	11	2	3

Ft. long	Side 34 Inch.			Ft. long	Side 34 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	0	4	1	8	2	9
2	16	0	8	2	16	3	6
3	24	1	0	3	24	5	3
4	32	1	4	4	32	7	0
5	40	1	8	5	40	8	9
6	48	2	0	6	48	10	6
7	56	2	4	7	57	0	3
8	64	2	8	8	65	2	0
9	72	3	0	9	73	3	9
10	80	3	4	10	81	5	6
11	88	3	8	11	89	7	3
12	96	4	0	12	97	9	0
13	104	4	4	13	105	10	9
14	112	4	8	14	114	0	7
15	120	5	0	15	122	2	3
16	128	5	4	16	130	4	1
17	136	5	8	17	138	5	10
18	144	6	0	18	146	7	7
19	152	6	4	19	154	9	4
20	160	6	8	20	162	11	1
21	168	7	0	21	171	0	10
22	176	7	4	22	179	2	7
23	184	7	8	23	187	4	4
24	192	8	0	24	195	6	1
25	200	8	4	25	203	7	10
26	208	8	8	26	211	9	7
27	216	9	0	27	219	11	4
28	224	9	4	28	228	1	1
29	232	9	8	29	236	2	10
30	240	10	0	30	244	4	7
31	248	10	4	31	252	6	4
32	256	10	8	32	260	8	2
33	264	11	0	33	268	9	11
34	272	11	4	34	276	11	8
35	280	11	8	35	285	1	5
36	289	0	0	36	293	3	2
37	297	0	4	37	301	4	11
38	305	0	8	38	309	6	8
39	313	1	0	39	317	8	5
40	321	1	4	40	325	10	2
41	329	1	8	41	333	11	11
42	337	2	0	42	342	1	8
43	345	2	4	43	350	3	5
44	353	2	8	44	358	5	2
45	361	3	0	45	366	6	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	0	1	0	¼	2	0	5	3
½	4	0	2	0	½	4	0	10	9
¾	6	0	3	0	¾	6	1	3	9

Ft. long	Side 34 $\frac{1}{2}$		
	Ft.	In.	Pa.
1	8	3	2
2	16	6	4
3	24	9	6
4	33	0	9
5	41	3	11
6	49	7	1
7	57	10	3
8	66	1	6
9	74	4	8
10	82	7	10
11	90	11	0
12	99	2	3
13	107	5	5
14	115	8	7
15	123	11	9
16	132	3	0
17	140	6	2
18	148	9	4
19	157	0	6
20	165	3	9
21	173	6	11
22	181	10	1
23	190	1	3
24	198	4	6
25	206	7	8
26	214	10	10
27	223	2	0
28	231	5	3
29	239	8	5
30	247	11	7
31	256	2	9
32	264	6	0
33	272	9	2
34	281	0	4
35	289	3	6
36	297	6	9
37	305	9	11
38	314	1	1
39	322	4	3
40	330	7	6
41	338	10	8
42	347	1	10
43	355	5	0
44	363	8	3
45	371	11	5

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.
$\frac{1}{4}$	2	0	9	6
$\frac{1}{2}$	4	1	7	0
$\frac{3}{4}$	6	2	4	6

Ft. long	Side 34 $\frac{3}{4}$		
	Ft.	In.	Pa.
1	8	4	7
2	16	9	3
3	25	1	10
4	33	6	6
5	41	11	1
6	50	3	9
7	58	8	4
8	67	1	0
9	75	5	8
10	83	10	3
11	92	2	11
12	100	7	6
13	109	0	2
14	117	4	9
15	125	9	5
16	134	2	1
17	142	6	8
18	150	11	4
19	159	3	11
20	167	8	7
21	176	1	2
22	184	5	10
23	192	10	5
24	201	3	1
25	209	7	9
26	218	0	4
27	226	5	0
28	234	9	7
29	243	2	3
30	251	6	10
31	259	11	6
32	268	4	2
33	276	8	9
34	285	1	5
35	293	6	0
36	301	10	8
37	310	3	3
38	318	7	11
39	327	0	6
40	335	5	2
41	343	9	10
42	352	2	5
43	360	7	1
44	368	11	8
45	377	4	4

Quarters of a *Foot*.

	Ft.	In.	Pa.	S.
$\frac{1}{4}$	2	1	1	9
$\frac{1}{2}$	4	2	3	6
$\frac{3}{4}$	6	2	5	3

Ft. long	Side 35 Inch.			Ft. long	Side 35 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	6	1	1	8	7	6
2	17	0	2	2	17	3	1
3	25	6	3	3	25	10	7
4	34	0	4	4	34	6	2
5	42	6	5	5	43	1	8
6	51	0	6	6	51	9	3
7	59	6	7	7	60	4	9
8	68	0	8	8	69	0	4
9	76	6	9	9	77	7	11
10	85	0	10	10	86	3	5
11	93	6	11	11	94	11	0
12	102	1	0	12	103	6	6
13	110	7	1	13	112	2	1
14	119	1	2	14	120	9	7
15	127	7	3	15	129	5	2
16	136	1	4	16	138	0	9
17	144	7	5	17	146	8	3
18	153	1	6	18	155	3	10
19	161	7	7	19	163	11	4
20	170	1	8	20	172	6	11
21	178	7	9	21	181	2	5
22	187	1	10	22	189	10	0
23	195	7	11	23	198	5	6
24	204	2	0	24	207	1	1
25	212	8	1	25	215	8	8
26	221	2	2	26	224	4	2
27	229	8	3	27	232	11	9
28	238	2	4	28	241	7	3
29	246	8	5	29	250	2	10
30	255	2	6	30	258	10	4
31	263	8	7	31	267	5	11
32	272	2	8	32	276	1	6
33	280	8	9	33	284	9	0
34	289	2	10	34	293	4	7
35	297	8	11	35	302	0	1
36	306	3	0	36	310	7	8
37	314	9	1	37	319	3	2
38	323	3	2	38	327	10	9
39	331	9	3	39	336	6	3
40	340	3	4	40	345	1	10
41	348	9	5	41	353	9	5
42	357	3	6	42	362	4	11
43	365	9	7	43	371	0	6
44	374	3	8	44	379	8	9
45	382	9	9	45	388	3	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	1	6	3	¼	2	1	10	6
½	4	3	0	6	½	4	3	9	0
¾	6	4	6	9	¾	6	5	7	6

Ft. long	Side 35 ½			*Ft. long*	Side 35 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	9	0	1	8	10	6
2	17	6	0	2	17	9	0
3	26	3	0	3	26	7	6
4	35	0	1	4	35	6	0
5	43	9	1	5	44	4	6
6	52	6	1	6	53	3	0
7	61	3	1	7	62	1	6
8	70	0	2	8	71	0	0
9	78	9	2	9	79	10	6
10	87	6	2	10	88	9	0
11	96	3	2	11	97	7	6
12	105	0	3	12	106	6	0
13	113	9	3	13	115	4	6
14	122	6	3	14	124	3	0
15	131	3	3	15	133	1	6
16	140	0	4	16	142	0	1
17	148	9	4	17	150	10	7
18	157	6	4	18	159	9	1
19	166	3	4	19	168	7	7
20	175	0	5	20	177	6	1
21	183	9	5	21	186	4	7
22	192	6	5	22	195	3	1
23	201	3	5	23	204	1	7
24	210	0	6	24	213	0	1
25	218	9	6	25	221	10	7
26	227	6	6	26	230	9	1
27	236	3	6	27	239	7	7
28	245	0	7	28	248	6	1
29	253	9	7	29	257	4	7
30	262	6	7	30	266	3	1
31	271	3	7	31	275	1	7
32	280	0	8	32	284	0	2
33	288	9	8	33	292	10	8
34	297	6	8	34	301	9	2
35	306	3	8	35	310	7	8
36	315	0	9	36	319	6	2
37	323	9	9	37	328	4	8
38	332	6	9	38	337	3	2
39	341	3	9	39	346	1	8
40	350	0	10	40	355	0	2
41	358	9	10	41	363	10	8
42	367	6	10	42	372	9	2
43	376	3	10	43	381	7	8
44	385	0	11	44	390	6	2
45	393	9	11	45	399	4	8

Quarters of a *Foot*					*Quarters* of a *Foot.*				
	Ft.	In	Pa	S		Ft.	In.	Pa.	S.
¼	2	2	3	0	¼	2	2	7	6
½	4	4	6	0	½	4	5	3	0
¾	6	6	9	0	¾	6	7	10	6

Ft. long	Side 36 Inch.			Ft. long	Side 36 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	0	0	1	9	1	6
2	18	0	0	2	18	3	0
3	27	0	0	3	27	4	6
4	36	0	0	4	36	6	0
5	45	0	0	5	45	7	6
6	54	0	0	6	54	9	0
7	63	0	0	7	63	10	6
8	72	0	0	8	73	0	0
9	81	0	0	9	82	1	6
10	90	0	0	10	91	3	0
11	99	0	0	11	100	4	6
12	108	0	0	12	109	6	0
13	117	0	0	13	118	7	6
14	126	0	0	14	127	9	0
15	135	0	0	15	136	10	6
16	144	0	0	16	146	0	1
17	153	0	0	17	155	1	7
18	162	0	0	18	164	3	1
19	171	0	0	19	173	4	7
20	180	0	0	20	182	6	1
21	189	0	0	21	191	7	7
22	198	0	0	22	200	9	1
23	207	0	0	23	209	10	7
24	216	0	0	24	219	0	1
25	225	0	0	25	228	1	7
26	234	0	0	26	237	3	1
27	243	0	0	27	246	4	7
28	252	0	0	28	255	6	1
29	261	0	0	29	264	7	7
30	270	0	0	30	273	9	1
31	279	0	0	31	282	10	7
32	288	0	0	32	292	0	2
33	297	0	0	33	301	1	8
34	306	0	0	34	310	3	2
35	315	0	0	35	319	4	8
36	324	0	0	36	328	6	2
37	333	0	0	37	337	7	8
38	342	0	0	38	346	9	2
39	351	0	0	39	355	10	8
40	360	0	0	40	365	0	2
41	369	0	0	41	374	1	8
42	378	0	0	42	383	3	2
43	387	0	0	43	392	4	8
44	396	0	0	44	401	6	2
45	405	0	0	45	410	7	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	2	3	0	0	$\frac{1}{4}$	2	3	4	6
$\frac{1}{2}$	4	6	0	0	$\frac{1}{2}$	4	6	9	0
$\frac{3}{4}$	6	9	0	0	$\frac{3}{4}$	5	10	1	6

Ft. long	Side 36 ½		
	Ft.	In.	Pa
1	9	3	0
2	18	6	0
3	27	9	0
4	37	0	1
5	46	3	1
6	55	6	1
7	64	9	1
8	74	0	2
9	83	3	2
10	92	6	2
11	101	9	2
12	111	0	3
13	120	3	3
14	129	6	3
15	138	9	3
16	148	0	4
17	157	3	4
18	166	6	4
19	175	9	4
20	185	0	5
21	194	3	5
22	203	6	5
23	212	9	5
24	222	0	6
25	231	3	6
26	240	6	6
27	249	9	6
28	259	0	7
29	268	3	7
30	277	6	7
31	289	9	7
32	296	0	8
33	305	3	8
34	314	6	8
35	323	9	8
36	333	0	9
37	342	3	9
38	351	6	9
39	360	9	9
40	370	0	10
41	379	3	10
42	388	6	10
43	397	9	10
44	407	0	11
45	416	3	11

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	2	3	9	0
½	4	7	6	0
¾	6	11	3	0

Ft. long	Side 36 ¾		
	Ft.	In.	Pa.
1	9	4	6
2	18	9	1
3	28	1	7
4	37	6	2
5	46	10	8
6	56	3	3
7	65	7	9
8	75	0	4
9	84	4	11
10	93	9	5
11	103	2	0
12	112	6	6
13	121	11	1
14	131	3	7
15	140	8	2
16	150	0	9
17	159	5	3
18	168	9	10
19	178	2	4
20	187	6	11
21	196	11	5
22	206	4	0
23	215	8	6
24	225	1	1
25	234	5	8
26	243	10	2
27	253	2	9
28	262	7	3
29	271	11	10
30	281	4	4
31	290	8	11
32	300	1	6
33	309	6	0
34	318	10	7
35	328	3	1
36	337	7	8
37	347	0	2
38	356	4	9
39	365	9	3
40	375	1	10
41	384	6	5
42	393	10	11
43	403	3	6
44	412	8	0
45	422	0	7

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	2	4	1	6
½	4	8	3	0
¾	7	0	4	6

Ft. long	Side 37 Inch.			*Ft. long*	Side 37 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	6	1	1	9	7	7
2	19	0	2	2	19	3	3
3	28	6	3	3	28	10	10
4	38	0	4	4	38	6	6
5	47	6	5	5	48	2	1
6	57	0	6	6	57	9	9
7	66	6	7	7	67	5	4
8	76	0	8	8	77	1	0
9	85	6	9	9	86	8	8
10	95	0	10	10	96	4	3
11	104	6	11	11	105	11	11
12	114	1	0	12	115	7	6
13	123	7	1	13	125	3	2
14	133	1	2	14	134	10	9
15	142	7	3	15	144	6	5
16	152	1	4	16	154	2	1
17	161	7	5	17	163	9	8
18	171	1	6	18	173	5	4
19	180	7	7	19	183	0	11
20	190	1	8	20	192	8	7
21	199	7	9	21	202	4	2
22	209	1	10	22	211	11	10
23	218	7	11	23	221	7	5
24	228	2	0	24	231	3	1
25	237	8	1	25	240	10	9
26	247	2	2	26	250	6	4
27	256	8	3	27	260	2	0
28	266	2	4	28	269	9	9
29	275	8	5	29	279	5	3
30	285	2	6	30	289	0	10
31	294	8	7	31	298	8	6
32	304	2	8	32	308	4	2
33	313	8	9	33	317	11	9
34	323	2	10	34	327	7	5
35	332	8	10	35	337	3	0
36	342	3	0	36	346	10	8
37	351	9	1	37	356	6	3
38	361	3	2	38	366	1	11
39	370	9	3	39	375	9	6
40	380	3	4	40	385	5	2
41	389	9	5	41	395	0	10
42	399	3	6	42	404	8	5
43	408	9	7	43	414	4	1
44	418	3	8	44	423	11	8
45	427	9	9	45	433	7	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	4	6	3	¼	2	4	10	9
½	4	9	0	6	½	4	9	9	6
¾	7	1	6	9	¾	7	2	8	3

Ft. long	Side 37 ½			*Ft. long*	Side 34 ¾		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	9	9	2	1	9	10	9
2	19	6	4	2	19	9	6
3	29	3	6	3	29	8	3
4	39	0	9	4	39	7	0
5	48	9	11	5	49	5	9
6	58	7	1	6	59	4	6
7	68	4	3	7	69	3	3
8	78	1	6	8	79	2	0
9	87	10	8	9	89	0	9
10	97	7	10	10	98	11	6
11	107	5	0	11	108	10	3
12	117	2	3	12	118	9	0
13	126	11	5	13	128	7	9
14	136	8	7	14	138	6	6
15	146	5	9	15	148	5	3
16	156	3	0	16	158	4	1
17	166	0	2	17	168	2	10
18	175	9	4	18	178	1	7
19	185	6	6	19	188	0	4
20	195	3	9	20	197	11	1
21	205	0	11	21	207	9	10
22	214	10	1	22	217	8	7
23	224	7	3	23	227	7	4
24	234	4	6	24	237	6	1
25	244	1	8	25	247	4	10
26	253	10	10	26	257	3	7
27	263	8	0	27	267	2	4
28	273	5	3	28	277	1	1
29	283	2	5	29	286	11	10
30	292	11	7	30	296	10	7
31	302	8	9	31	306	9	4
32	312	6	0	32	316	8	2
33	322	3	2	33	326	6	11
34	332	0	4	34	336	5	8
35	341	9	6	35	346	4	5
36	351	6	9	36	356	3	2
37	361	3	11	37	366	1	11
38	371	1	1	38	376	0	8
39	380	10	3	39	385	11	5
40	390	7	6	40	395	10	2
41	400	4	8	41	405	8	11
42	410	1	10	42	415	7	8
43	419	11	0	43	425	6	5
44	429	8	3	44	435	5	2
45	439	5	5	45	445	3	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	5	3	6	¼	2	5	8	3
½	4	10	7	0	½	4	11	4	6
¾	7	3	10	6	¾	7	5	0	9

Ft. long	Side 38 Inch.		
	Ft.	In.	Pa.
1	10	0	4
2	20	0	8
3	30	1	0
4	40	1	4
5	50	1	8
6	60	2	0
7	70	2	4
8	80	2	8
9	90	3	0
10	100	3	4
11	110	3	8
12	120	4	0
13	130	4	4
14	140	4	8
15	150	5	0
16	160	5	4
17	170	5	8
18	180	6	0
19	190	6	4
20	200	6	8
21	210	7	0
22	220	7	4
23	230	7	8
24	240	8	0
25	250	8	4
26	260	8	8
27	270	9	0
28	280	9	4
29	290	9	8
30	300	10	0
31	310	10	4
32	320	10	8
33	330	11	0
34	340	11	4
35	350	11	8
36	361	0	0
37	371	0	4
38	381	0	8
39	391	1	0
40	401	1	4
41	411	1	8
42	421	2	0
43	431	2	4
44	441	2	8
45	451	3	0

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	2	6	1	0
½	5	0	2	0
¾	7	6	3	0

Ft. long	Side 38 ¼		
	Ft.	In.	Pa.
1	10	1	11
2	20	3	10
3	30	5	9
4	40	7	8
5	50	9	7
6	60	11	6
7	71	1	5
8	81	3	4
9	91	5	3
10	101	7	2
11	111	9	1
12	121	11	0
13	132	0	11
14	142	2	10
15	152	4	9
16	162	6	6
17	172	8	8
18	182	10	7
19	193	0	6
20	203	2	5
21	213	4	4
22	223	6	3
23	233	8	2
24	243	10	1
25	254	0	0
26	264	1	11
27	274	3	10
28	284	5	9
29	294	7	8
30	304	9	7
31	314	11	6
32	325	1	6
33	335	3	5
34	345	5	4
35	355	7	3
36	365	9	2
37	375	11	1
38	386	1	0
39	396	2	11
40	406	4	10
41	416	6	9
42	426	8	8
43	436	10	7
44	447	0	6
45	457	2	5

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	2	6	5	9
½	5	0	11	6
¾	7	7	5	3

Ft. long	Side 38 $\frac{1}{2}$			*Ft. long*	Side 38 $\frac{3}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	3	6	1	10	5	1
2	20	7	0	2	20	10	3
3	30	10	6	3	31	3	4
4	41	2	1	4	41	8	6
5	51	5	7	5	52	1	7
6	61	9	1	6	62	6	9
7	72	0	7	7	72	11	10
8	82	4	2	8	83	5	0
9	92	7	8	9	93	10	2
10	102	11	2	10	104	3	3
11	113	2	8	11	114	8	5
12	123	6	3	12	125	1	6
13	133	9	9	13	135	6	8
14	144	1	3	14	145	11	9
15	154	4	9	15	156	4	11
16	164	8	4	16	166	10	1
17	174	11	10	17	177	3	2
18	185	3	4	18	187	8	4
19	195	6	10	19	198	1	5
20	205	10	5	20	208	6	7
21	216	1	11	21	218	11	8
22	226	5	5	22	229	4	10
23	236	8	11	23	239	9	11
24	247	0	6	24	250	3	1
25	257	4	0	25	260	8	3
26	267	7	6	26	271	1	4
27	277	11	0	27	281	6	6
28	288	2	7	28	291	11	7
29	298	6	1	29	302	4	9
30	308	9	7	30	312	9	10
31	319	1	1	31	323	3	0
32	329	4	8	32	333	8	2
33	339	8	2	33	344	1	3
34	349	11	8	34	354	6	5
35	360	3	2	35	364	11	6
36	370	6	9	36	375	4	8
37	380	10	3	37	385	9	9
38	391	1	9	38	396	2	11
39	401	5	3	39	406	8	0
40	411	8	10	40	417	1	2
41	421	0	4	41	427	6	4
42	432	3	10	42	437	11	5
43	442	7	4	43	448	4	7
44	452	10	11	44	458	9	8
45	463	2	5	45	469	2	10

Quarters of a Foot					*Quarters of a Foot.*				
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	2	6	10	6	$\frac{1}{4}$	2	7	3	3
$\frac{1}{2}$	5	1	9	8	$\frac{1}{2}$	5	2	6	6
$\frac{3}{4}$	7	8	7	6	$\frac{3}{4}$	7	9	9	9

Ft. long	Side 39 Inch.			Ft. long	Side 39 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	6	9	1	10	8	4
2	21	1	6	2	21	4	9
3	31	8	3	3	32	1	1
4	42	3	0	4	42	9	6
5	52	9	9	5	53	5	10
6	63	4	6	6	64	2	3
7	73	11	3	7	74	10	7
8	84	6	0	8	85	7	0
9	95	0	9	9	96	3	5
10	105	7	6	10	106	11	9
11	116	2	3	11	117	8	2
12	126	9	0	12	128	4	6
13	137	3	9	13	139	0	11
14	147	10	6	14	149	9	3
15	158	5	3	15	160	5	8
16	169	0	0	16	171	2	1
17	179	6	9	17	181	10	5
18	190	1	6	18	192	6	10
19	200	8	3	19	203	3	2
20	211	3	0	20	213	11	7
21	221	9	9	21	224	7	11
22	232	4	6	22	235	4	4
23	242	11	3	23	246	0	8
24	253	6	0	24	256	9	1
25	264	0	9	25	267	5	6
26	274	7	6	26	278	1	10
27	285	2	3	27	288	10	3
28	295	9	0	28	299	6	7
29	306	3	9	29	310	3	0
30	316	10	6	30	320	11	4
31	327	5	3	31	331	7	9
32	338	0	0	32	342	4	2
33	348	6	9	33	353	0	6
34	359	1	6	34	363	8	11
35	369	8	3	35	374	5	3
36	380	3	0	36	385	1	8
37	390	9	9	37	395	10	0
38	401	4	6	38	406	6	5
39	411	11	3	39	417	2	9
40	422	6	0	40	427	11	2
41	433	0	9	41	438	7	7
42	443	7	6	42	449	3	11
43	454	2	3	43	460	0	4
44	464	9	0	44	470	8	8
45	475	3	9	45	481	5	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft	In.	Pa.	S.
$\frac{1}{4}$	2	7	8	3	$\frac{1}{4}$	2	8	1	0
$\frac{1}{2}$	5	3	4	6	$\frac{1}{2}$	5	4	2	0
$\frac{3}{4}$	7	11	0	9	$\frac{3}{4}$	8	0	3	0

Ft. long	Side 39 ½			*Ft. long*	Side 39 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	10	0	1	10	11	8
2	21	8	0	2	21	11	4
3	32	6	0	3	32	11	0
4	43	4	1	4	43	10	8
5	54	2	1	5	54	10	4
6	65	0	1	6	65	10	0
7	75	10	1	7	76	9	8
8	86	8	2	8	87	9	4
9	97	6	2	9	98	9	0
10	108	4	2	10	109	8	8
11	119	2	2	11	120	8	4
12	130	0	3	12	131	8	0
13	140	10	3	13	142	7	8
14	151	8	3	14	153	7	4
15	162	6	3	15	164	7	0
16	173	4	4	16	175	6	9
17	184	2	4	17	186	6	5
18	195	0	4	18	197	6	1
19	205	10	4	19	208	5	9
20	216	8	5	20	219	5	5
21	227	6	5	21	230	5	1
22	238	4	5	22	241	4	9
23	249	2	5	23	252	4	5
24	260	0	6	24	263	4	1
25	270	10	6	25	274	3	9
26	281	8	6	26	285	3	5
27	292	6	6	27	296	3	1
28	303	4	7	28	307	2	9
29	314	2	7	29	318	2	5
30	325	0	7	30	329	2	1
31	335	10	7	31	340	1	9
32	346	8	8	32	351	1	6
33	357	6	8	33	362	1	2
34	368	4	8	34	373	0	10
35	379	2	8	35	384	0	6
36	390	0	9	36	395	0	2
37	400	10	9	37	405	11	10
38	411	8	9	38	416	11	6
39	422	6	9	39	427	11	2
40	433	4	10	40	438	10	10
41	444	2	10	41	449	10	6
42	455	0	10	42	460	10	2
43	465	10	10	43	471	9	10
44	476	8	11	44	482	9	6
45	487	6	11	45	493	9	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	8	6	0	¼	2	8	11	0
½	5	5	0	0	½	5	5	10	0
¾	8	1	6	0	¾	8	2	9	0

Ft. long	Side 40 Inch.			*Ft. long*	Side 40 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	1	4	1	11	3	0
2	22	2	8	2	22	6	0
3	33	4	0	3	33	9	0
4	44	5	4	4	45	0	0
5	55	6	8	5	56	3	0
6	66	8	0	6	67	6	0
7	77	9	4	7	78	9	0
8	88	10	8	8	90	0	0
9	100	0	0	9	101	3	0
10	111	1	4	10	112	6	0
11	122	2	8	11	123	9	0
12	133	4	0	12	135	0	0
13	144	5	4	13	146	3	0
14	155	6	8	14	157	6	0
15	166	8	0	15	168	9	0
16	177	9	4	16	180	0	1
17	188	10	8	17	191	3	1
18	200	0	0	18	202	6	1
19	211	1	4	19	213	9	1
20	222	2	8	20	225	0	1
21	233	4	0	21	236	3	1
22	244	5	4	22	247	6	1
23	255	6	8	23	258	9	1
24	266	8	0	24	270	0	1
25	277	9	4	25	281	3	1
26	288	10	8	26	292	6	1
27	300	0	0	27	303	9	1
28	311	1	4	28	315	0	1
29	322	2	8	29	326	3	1
30	333	4	0	30	337	6	1
31	344	5	4	31	348	9	1
32	355	6	8	32	360	0	2
33	366	8	0	33	371	3	2
34	377	9	4	34	382	6	2
35	388	10	8	35	393	9	2
36	400	0	0	36	405	0	2
37	411	1	4	37	416	3	2
38	422	2	8	38	427	6	2
39	433	4	0	39	438	9	2
40	444	5	4	40	450	0	2
41	455	6	8	41	461	3	2
42	466	8	0	42	472	6	2
43	477	9	4	43	483	9	2
44	488	10	8	44	495	0	2
45	500	0	0	45	506	3	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	2	9	4	0	$\frac{1}{4}$	2	9	9	0
$\frac{1}{2}$	5	6	8	0	$\frac{1}{2}$	5	7	6	0
$\frac{3}{4}$	8	4	0	0	$\frac{3}{4}$	8	5	3	0

Ft. long	Side 40 ½		
	Ft.	In.	Pa
1	11	4	8
2	22	9	4
3	34	2	0
4	45	6	9
5	56	11	5
6	68	4	1
7	79	8	9
8	91	1	6
9	102	6	2
10	113	10	10
11	125	3	6
12	136	8	3
13	148	0	10
14	159	5	7
15	170	10	3
16	182	3	0
17	193	7	8
18	205	0	4
19	216	5	0
20	227	9	9
21	239	2	5
22	250	7	1
23	261	11	9
24	273	4	6
25	284	9	2
26	296	1	10
27	307	6	6
28	318	11	3
29	330	3	11
30	341	8	7
31	353	1	3
32	364	6	0
33	375	10	8
34	387	3	4
35	398	8	0
36	410	0	9
37	421	5	5
38	432	10	1
39	444	2	9
40	455	7	6
41	467	0	2
42	478	4	10
43	489	9	6
44	501	2	3
45	512	6	11

Quarters of a Foot.

	Ft.	In.	Pa.	S.
¼	2	10	2	0
½	5	8	4	0
¾	8	6	6	0

Ft. long	Side 40 ¾		
	Ft.	In.	Pa.
1	11	6	4
2	23	0	9
3	34	7	1
4	46	1	6
5	57	7	10
6	69	2	3
7	80	8	7
8	92	3	0
9	103	9	5
10	115	3	9
11	126	10	2
12	138	4	6
13	149	10	11
14	161	5	3
15	172	11	8
16	184	6	1
17	196	0	5
18	207	6	10
19	219	1	2
20	230	7	7
21	242	1	11
22	253	8	4
23	265	2	8
24	276	9	1
25	289	3	6
26	299	9	10
27	311	4	3
28	322	10	7
29	334	5	0
30	345	11	4
31	357	5	9
32	369	0	2
33	380	6	6
34	392	0	11
35	403	7	3
36	415	1	8
37	426	8	0
38	438	2	5
39	449	8	9
40	461	3	2
41	472	9	7
42	484	3	11
43	495	10	4
44	507	4	8
45	518	11	1

Quarters of a Foot.

	Ft.	In.	Pa.	S.
¼	2	10	7	0
½	5	9	2	0
¾	8	7	9	0

Ft. long	Side 41 inch.		
	Ft.	In.	Pa.
1	11	8	1
2	23	4	2
3	35	0	3
4	46	8	4
5	58	4	5
6	70	0	6
7	81	8	7
8	93	4	8
9	105	0	9
10	116	8	10
11	128	4	11
12	140	1	0
13	151	9	1
14	163	5	2
15	175	1	3
16	186	9	4
17	198	5	5
18	210	1	6
19	221	9	7
20	233	5	8
21	245	1	9
22	256	9	10
23	268	5	11
24	280	2	0
25	291	10	1
26	303	6	2
27	315	2	3
28	326	10	4
29	338	6	5
30	350	2	6
31	361	10	7
32	373	6	8
33	385	2	9
34	396	10	10
35	408	6	11
36	420	3	0
37	431	11	1
38	443	7	2
39	455	3	3
40	466	11	4
41	478	7	5
42	490	3	6
43	501	11	7
44	513	7	8
45	525	3	9

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
1/4	2	11	0	3
1/2	5	10	0	6
3/4	8	9	0	9

Ft. long	Side 41 1/4		
	Ft.	In.	Pa.
1	11	9	9
2	23	7	7
3	35	5	4
4	47	3	2
5	59	0	11
6	70	10	9
7	82	8	6
8	94	6	4
9	106	4	2
10	118	1	11
11	129	11	9
12	141	9	6
13	153	7	4
14	165	1	10
15	177	2	11
16	189	0	9
17	200	10	6
18	214	8	4
19	222	6	1
20	236	3	11
21	248	1	8
22	259	11	6
23	271	9	3
24	283	7	1
25	295	4	11
26	307	2	8
27	319	0	6
28	330	10	3
29	342	8	1
30	354	5	10
31	366	3	8
32	378	1	6
33	389	11	3
34	401	9	1
35	413	6	10
36	425	4	8
37	437	2	5
38	449	0	3
39	460	10	0
40	472	7	10
41	484	5	8
42	496	3	5
43	508	1	3
44	519	11	0
45	531	8	10

Quarters of a *Foot.*

	Ft.	In	Pa.	S.
1/4	2	11	5	3
1/2	5	10	10	6
3/4	8	10	3	9

Ft. long	Side 41 $\frac{1}{2}$			*Ft. long*	Side 41 $\frac{3}{4}$		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	11	11	0	1	12	1	3
2	23	11	0	2	24	2	6
3	35	10	6	3	36	3	9
4	47	10	1	4	48	5	0
5	59	9	7	5	60	6	3
6	71	9	1	6	72	7	6
7	83	8	7	7	84	8	9
8	95	8	2	8	96	10	0
9	107	7	8	9	108	11	3
10	119	7	2	10	121	0	6
11	131	6	8	11	133	1	9
12	143	6	3	12	145	3	0
13	155	5	9	13	157	4	3
14	167	5	3	14	169	5	6
15	179	4	9	15	181	6	9
16	191	4	4	16	193	8	1
17	203	3	10	17	205	9	4
18	215	3	4	18	217	10	7
19	227	2	10	19	229	11	10
20	239	2	5	20	242	1	1
21	251	1	11	21	254	2	4
22	263	1	5	22	266	3	7
23	275	0	11	23	278	4	10
24	287	0	6	24	290	6	1
25	299	0	0	25	302	7	4
26	310	11	6	26	314	8	7
27	322	11	0	27	326	9	10
28	334	10	7	28	338	11	1
29	346	10	1	29	351	0	4
30	358	9	7	30	363	1	7
31	370	9	1	31	375	2	10
32	382	8	8	32	387	4	2
33	394	8	2	33	399	5	5
34	406	7	8	34	411	6	8
35	418	7	2	35	423	7	11
36	430	6	9	36	435	9	2
37	442	6	3	37	445	10	5
38	454	5	9	38	459	11	8
39	466	5	3	39	472	0	11
40	478	4	10	40	484	2	2
41	490	4	4	41	496	3	5
42	502	3	10	42	508	4	8
43	514	3	4	43	520	5	11
44	526	2	11	44	532	7	2
45	538	2	5	45	544	8	5

Quarters of a Foot.					*Quarters* of a Foot.				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	2	11	9	0	1	3	0	3	9
$\frac{1}{2}$	5	11	6	0	$\frac{1}{2}$	6	0	7	6
$\frac{3}{4}$	8	11	3	0	$\frac{3}{4}$	9	0	11	3

Ft.long	Side 42 Inch.		
	Ft.	In.	Pa.
1	12	3	0
2	24	6	0
3	36	9	0
4	49	0	0
5	61	3	0
6	73	6	0
7	85	9	0
8	98	0	0
9	110	3	0
10	122	6	0
11	134	9	0
12	147	0	0
13	159	3	0
14	171	6	0
15	183	9	0
16	196	0	0
17	208	3	0
18	220	6	0
19	232	9	0
20	245	0	0
21	257	3	0
22	269	6	0
23	281	9	0
24	294	0	0
25	306	3	0
26	318	6	0
27	330	9	0
28	343	0	0
29	355	3	0
30	367	6	0
31	379	9	0
32	392	0	0
33	404	3	0
34	416	6	0
35	428	9	0
36	441	0	0
37	453	3	0
38	465	6	0
39	477	9	0
40	490	0	0
41	502	3	0
42	514	6	0
43	526	9	0
44	539	0	0
45	551	3	0

Quarters of a *Foot.*

	Ft.	In	Pa.	S.
¼	3	0	9	0
½	6	1	6	0
¾	9	2	3	0

Ft.long	Side 42 ¼		
	Ft.	In.	Pa.
1	12	4	8
2	24	9	4
3	37	2	0
4	49	6	8
5	61	11	4
6	74	4	0
7	86	8	8
8	99	1	4
9	111	6	0
10	123	10	8
11	136	3	4
12	148	8	0
13	161	0	8
14	173	5	4
15	185	10	0
16	198	2	9
17	210	7	5
18	223	0	1
19	235	4	9
20	247	9	5
21	260	2	1
22	272	6	9
23	284	11	5
24	297	4	1
25	309	8	9
26	322	1	5
27	334	6	1
28	346	10	9
29	359	3	5
30	371	8	1
31	384	0	9
32	396	5	6
33	408	10	2
34	421	2	10
35	433	7	6
36	446	0	2
37	458	4	10
38	470	9	6
39	483	2	2
40	495	6	10
41	509	11	6
42	520	4	2
43	532	8	10
44	545	1	6
45	557	6	2

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	3	1	2	0
½	6	2	4	0
¾	9	3	6	0

Ft. long	Side 42 ½			*Ft. long*	Side 42 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	12	6	6	1	12	8	3
2	25	1	0	2	25	4	7
3	37	7	6	3	38	0	10
4	50	2	1	4	50	9	2
5	62	8	7	5	63	5	5
6	75	3	1	6	76	1	9
7	87	9	7	7	88	10	0
8	100	4	2	8	101	6	4
9	112	10	8	9	114	2	8
10	125	5	2	10	126	10	11
11	137	11	8	11	139	7	3
12	150	6	3	12	152	3	6
13	163	0	9	13	164	11	10
14	175	7	3	14	177	8	1
15	188	1	9	15	190	4	5
16	200	8	4	16	203	0	9
17	213	2	10	17	215	9	0
18	225	9	4	18	228	5	4
19	238	3	10	19	241	1	7
20	250	10	5	20	253	9	11
21	263	4	11	21	266	6	2
22	275	11	5	22	279	2	6
23	288	5	11	23	291	10	9
24	301	0	6	24	304	7	1
25	313	7	0	25	317	3	5
26	326	1	6	26	329	11	8
27	338	8	0	27	342	8	0
28	351	2	7	28	355	4	3
29	363	9	1	29	368	0	7
30	376	3	7	30	380	8	10
31	388	10	1	31	393	5	2
32	401	4	8	32	406	1	6
33	413	11	2	33	418	9	9
34	426	5	8	34	431	6	1
35	439	0	2	35	444	2	4
36	451	6	9	36	456	10	8
37	464	1	3	37	469	6	11
38	476	7	9	38	482	3	3
39	489	2	3	39	494	11	6
40	501	8	10	40	507	7	10
41	514	3	4	41	520	4	2
42	526	9	10	42	533	0	5
43	539	4	4	43	545	8	9
44	551	10	11	44	558	5	0
45	564	5	5	45	571	1	4

Quarters of a *Foot*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa	S		Ft.	In.	Pa.	S.
¼	3	1	7	6	¼	3	2	0	9
½	6	3	3	0	½	6	4	1	6
¾	9	4	10	6	¾	9	6	2	3

Ft. long	Side 43 Inch.			Ft. long	Side 43 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	12	10	1	1	12	11	10
2	25	8	2	2	25	11	9
3	38	6	3	3	38	11	7
4	51	4	4	4	51	11	6
5	64	2	5	5	64	11	4
6	77	0	6	6	77	11	3
7	89	10	7	7	90	11	1
8	102	8	8	8	103	11	0
9	115	6	9	9	116	10	11
10	128	4	10	10	129	10	9
11	141	2	11	11	142	10	8
12	154	1	0	12	155	10	6
13	166	11	1	13	168	10	5
14	179	9	2	14	181	10	3
15	192	7	3	15	194	10	2
16	205	5	4	16	207	10	1
17	218	3	5	17	220	9	11
18	231	1	6	18	233	9	10
19	243	11	7	19	246	9	8
20	256	9	8	20	259	9	7
21	269	7	9	21	272	9	5
22	282	5	10	22	285	9	4
23	295	3	11	23	298	9	2
24	308	2	0	24	311	9	1
25	321	0	1	25	324	9	0
26	333	10	2	26	337	8	10
27	346	8	3	27	350	8	9
28	359	6	4	28	363	8	7
29	372	4	5	29	376	8	6
30	385	2	6	30	389	8	4
31	398	0	7	31	402	8	3
32	410	10	8	32	415	8	2
33	423	8	9	33	428	8	0
34	436	6	10	34	441	7	11
35	449	4	11	35	454	7	9
36	462	3	0	36	467	7	8
37	475	1	1	37	480	7	6
38	487	11	2	38	493	7	5
39	500	9	3	39	506	7	3
40	513	7	4	40	519	7	2
41	526	5	5	41	532	7	1
42	539	3	6	42	545	6	11
43	552	1	7	43	558	6	10
44	564	11	8	44	571	6	8
45	577	9	9	45	584	6	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	2	6	3	¼	3	2	11	6
½	6	5	0	6	½	6	5	11	0
¾	9	7	6	9	¾	9	8	10	6

Ft. long	Side 43 ½			*Ft. long*	Side 43 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	13	1	8	1	13	3	6
2	26	3	4	2	26	7	0
3	39	5	0	3	39	10	6
4	52	6	9	4	53	2	0
5	65	8	5	5	66	5	6
6	78	10	1	6	79	9	0
7	91	11	9	7	93	0	6
8	105	1	6	8	106	4	0
9	118	3	2	9	119	7	6
10	131	4	10	10	132	11	0
11	144	6	6	11	146	2	6
12	157	8	3	12	159	6	0
13	170	9	11	13	172	9	6
14	183	11	7	14	186	1	0
15	197	1	3	15	199	4	6
16	210	3	0	16	212	8	1
17	223	4	8	17	225	11	7
18	236	6	4	18	239	3	1
19	249	8	0	19	252	6	7
20	262	9	9	20	265	10	1
21	275	11	5	21	279	1	7
22	289	1	1	22	292	5	1
23	302	2	9	23	305	8	7
24	315	4	6	24	319	0	1
25	328	6	2	25	332	3	7
26	341	7	10	26	345	7	1
27	354	9	6	27	358	10	7
28	367	11	3	28	372	2	1
29	381	0	11	29	385	5	7
30	394	2	7	30	398	9	1
31	407	4	3	31	412	0	7
32	420	6	0	32	425	4	2
33	433	7	8	33	438	7	8
34	446	9	4	34	451	11	2
35	459	11	0	35	465	2	8
36	473	0	9	36	478	6	2
37	486	2	5	37	491	9	8
38	499	4	1	38	505	1	2
39	512	5	9	39	518	4	8
40	525	7	6	40	531	8	2
41	538	9	2	41	544	11	8
42	551	10	10	42	558	3	2
43	565	0	6	43	571	6	8
44	578	2	3	44	584	10	2
45	591	3	11	45	598	1	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	3	5	0	¼	3	3	10	6
½	6	6	10	0	½	6	7	9	0
¾	9	10	3	0	¾	6	11	7	6

Ft. long	Side 44 Inch.			*Ft. long*	Side 44 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	13	5	4	1	13	7	2
2	26	10	8	2	27	2	4
3	40	4	0	3	40	9	6
4	53	9	4	4	54	4	8
5	67	2	8	5	67	11	10
6	80	8	0	6	81	7	0
7	94	1	4	7	95	2	2
8	107	6	8	8	108	9	4
9	121	0	0	9	122	4	6
10	134	5	4	10	135	11	8
11	147	10	8	11	149	6	10
12	161	4	0	12	163	2	0
13	174	9	4	13	176	9	2
14	188	2	8	14	190	4	4
15	201	8	0	15	203	11	6
16	215	1	4	16	217	6	9
17	228	6	8	17	231	1	11
18	242	0	0	18	244	9	1
19	255	5	4	19	258	4	3
20	268	10	8	20	271	11	5
21	282	4	0	21	285	6	7
22	295	9	4	22	299	1	9
23	309	2	8	23	312	8	11
24	322	8	0	24	326	4	1
25	336	1	4	25	339	11	3
26	349	6	8	26	353	6	5
27	363	0	0	27	367	1	7
28	376	5	4	28	380	8	9
29	389	10	8	29	394	3	11
30	403	4	0	30	407	11	1
31	416	9	4	31	421	6	3
32	430	2	8	32	435	1	6
33	443	8	0	33	448	8	8
34	457	1	4	34	462	3	10
35	470	6	8	35	475	11	0
36	484	0	0	36	489	6	2
37	497	5	4	37	503	1	4
38	510	10	8	38	516	8	6
39	524	4	0	39	530	3	8
40	537	9	4	40	543	10	10
41	551	2	8	41	557	6	0
42	564	8	0	42	571	1	2
43	578	1	4	43	584	8	4
44	591	6	8	44	598	3	6
45	605	0	0	45	611	10	8

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	4	4	0	¼	3	4	9	6
½	6	8	8	0	½	6	0	7	0
¾	10	1	0	0	¾	10	2	4	6

Ft. long	Side 44 ½			*Ft. long*	Side 44 ¾		
	Ft.	In	Pa		Ft.	In.	Pa.
1	13	9	0	1	13	10	10
2	27	6	0	2	27	9	9
3	41	3	0	3	41	8	7
4	55	0	1	4	55	7	6
5	68	9	1	5	69	6	4
6	82	6	1	6	83	5	3
7	96	3	1	7	97	4	1
8	110	0	2	8	111	3	0
9	123	9	2	9	125	1	11
10	137	6	2	10	139	0	9
11	151	3	2	11	152	11	8
12	165	0	3	12	166	10	6
13	178	9	3	13	180	9	5
14	192	6	3	14	194	8	3
15	206	3	3	15	208	7	2
16	220	0	4	16	222	6	1
17	233	9	4	17	236	4	11
18	247	6	4	18	250	3	10
19	261	3	4	19	264	2	8
20	275	0	5	20	278	1	7
21	288	9	5	21	292	0	5
22	302	6	5	22	305	11	4
23	316	3	5	23	319	10	2
24	330	0	6	24	333	9	1
25	343	9	6	25	347	8	0
26	357	6	6	26	361	6	10
27	371	3	6	27	375	5	9
28	385	0	7	28	389	4	7
29	398	9	7	29	403	3	6
30	412	6	7	30	417	2	4
31	426	3	7	31	431	1	3
32	440	0	8	32	445	0	2
33	453	9	8	33	458	11	0
34	467	6	8	34	472	9	11
35	481	3	8	35	486	8	9
36	495	0	9	36	500	7	8
37	508	9	9	37	514	6	6
38	522	6	9	38	528	5	5
39	536	3	9	39	542	4	3
40	550	0	10	40	556	3	2
41	563	9	10	41	570	2	1
42	577	6	10	42	584	0	11
43	591	3	10	43	597	11	10
44	605	0	11	44	611	10	8
45	618	9	11	45	625	9	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	5	3	0	¼	3	5	8	6
½	6	10	6	0	½	6	11	5	0
¾	10	3	9	0	¾	10	5	1	6

Ft. long	Side 45 Inch.			Ft. long	Side 45 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	14	0	9	1	14	2	7
2	28	1	6	2	28	5	3
3	42	2	3	3	42	7	10
4	56	3	0	4	56	10	6
5	70	3	9	5	71	1	1
6	84	4	6	6	85	3	9
7	98	5	3	7	99	6	4
8	112	6	0	8	113	9	0
9	126	6	9	9	127	11	8
10	140	7	6	10	142	2	3
11	154	8	3	11	156	4	11
12	168	9	0	12	170	7	6
13	182	9	9	13	184	10	2
14	196	10	6	14	199	0	9
15	210	11	3	15	213	3	5
16	225	0	0	16	227	6	1
17	239	0	9	17	241	8	8
18	253	1	6	18	255	11	4
19	267	2	3	19	270	1	11
20	281	3	0	20	284	4	7
21	295	3	9	21	298	7	2
22	309	4	6	22	312	9	10
23	323	5	3	23	327	0	5
24	337	6	0	24	341	3	1
25	351	6	9	25	355	5	9
26	365	7	6	26	369	8	4
27	379	8	3	27	383	11	0
28	393	9	0	28	398	1	7
29	407	9	9	29	412	4	3
30	421	10	6	30	426	6	10
31	435	11	3	31	447	9	6
32	450	0	0	32	455	0	2
33	464	0	9	33	469	2	9
34	478	1	6	34	483	5	5
35	492	2	3	35	497	8	0
36	506	3	0	36	511	10	8
37	520	3	9	37	526	1	3
38	534	4	6	38	540	3	11
39	548	5	3	39	554	6	6
40	562	6	0	40	568	9	2
41	576	6	9	41	582	11	10
42	590	7	6	42	597	2	5
43	604	8	3	43	611	5	1
44	618	9	0	44	625	7	8
45	632	9	9	45	639	10	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	6	2	3	¼	3	6	7	9
½	7	0	4	6	½	7	1	3	6
¾	10	6	6	9	¾	10	7	11	3

Ft. long	Side 45 ½		
	Ft.	In.	Pa
1	14	4	6
2	28	9	0
3	43	1	6
4	57	6	1
5	71	10	7
6	86	3	1
7	100	7	7
8	115	0	2
9	129	4	8
10	143	9	2
11	158	1	8
12	172	6	3
13	186	10	9
14	201	3	3
15	215	7	9
16	230	0	4
17	244	4	10
18	258	9	4
19	273	1	10
20	287	6	5
21	301	10	11
22	316	3	5
23	330	7	11
24	345	0	6
25	359	5	0
26	373	9	6
27	388	2	0
28	402	6	7
29	416	11	1
30	431	3	7
31	445	8	1
32	460	0	8
33	474	5	2
34	488	9	8
35	503	2	2
36	517	6	9
37	531	11	3
38	546	3	9
39	560	8	3
40	575	0	10
41	589	5	4
42	603	9	10
43	618	2	4
44	632	6	11
45	646	11	5

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	3	7	1	6
½	7	2	3	0
¾	10	9	4	6

Ft. long	Side 45 ¾		
	Ft.	In.	Pa.
1	14	6	5
2	29	0	10
3	43	7	3
4	58	1	8
5	72	8	1
6	87	2	6
7	101	8	11
8	116	3	4
9	130	9	9
10	145	4	2
11	159	10	7
12	174	5	0
13	188	11	5
14	203	5	10
15	218	0	3
16	232	6	9
17	247	1	2
18	261	7	7
19	276	2	0
20	290	8	5
21	305	2	10
22	319	9	3
23	334	3	8
24	348	10	1
25	363	4	6
26	377	10	11
27	392	5	4
28	406	11	9
29	421	6	2
30	436	0	7
31	450	7	0
32	465	1	6
33	479	7	11
34	494	2	4
35	508	8	9
36	523	3	2
37	537	9	7
38	552	4	0
39	566	10	5
40	581	4	10
41	595	11	3
42	610	5	8
43	625	0	1
44	639	6	6
45	654	0	11

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.
¼	3	7	7	3
½	7	3	2	6
¾	10	10	9	9

Ft. long	Side 46 Inch.			*Ft. long*	Side 46¼		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	14	8	4	1	14	10	3
2	29	4	8	2	29	8	6
3	44	1	0	3	44	6	9
4	58	9	4	4	59	5	0
5	73	5	8	5	74	3	3
6	88	2	0	6	89	1	6
7	102	10	4	7	103	11	9
8	117	6	8	8	118	10	0
9	132	3	0	9	133	8	3
10	146	11	4	10	148	6	6
11	161	7	8	11	163	4	9
12	176	4	0	12	178	3	0
13	191	0	4	13	193	1	3
14	205	8	8	14	207	11	6
15	220	5	0	15	222	9	9
16	235	1	4	16	237	8	1
17	249	9	8	17	252	6	4
18	264	6	0	18	267	4	7
19	279	2	4	19	282	2	10
20	293	10	8	20	297	1	1
21	308	7	0	21	311	11	4
22	323	3	4	22	326	9	7
23	337	11	8	23	341	7	10
24	352	8	0	24	356	6	1
25	367	4	4	25	371	4	4
26	382	0	8	26	386	2	7
27	396	9	0	27	401	0	10
28	411	5	4	28	415	11	1
29	426	1	8	29	430	9	4
30	440	10	0	30	445	7	7
31	455	6	4	31	460	5	10
32	470	2	8	32	475	4	2
33	484	11	0	33	490	2	5
34	499	7	4	34	505	0	8
35	514	3	8	35	519	10	11
36	529	0	0	36	534	9	2
37	543	8	4	37	549	7	5
38	558	4	8	38	564	5	8
39	573	1	0	39	579	3	11
40	587	9	4	40	594	2	2
41	602	5	8	41	609	0	5
42	617	2	0	42	623	10	8
43	631	10	4	43	638	8	11
44	646	6	8	44	653	7	2
45	661	3	0	45	668	5	5

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa.	S		Ft.	In.	Pa.	S.
¼	3	8	1	0	¼	3	8	6	9
½	7	5	2	0	½	7	4	1	6
¾	11	1	3	0	¾	11	0	8	3

Ft. long	Side 46 ½			Ft. long	Side 46 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	0	2	1	15	2	1
2	30	0	4	2	30	4	3
3	45	0	6	3	45	6	4
4	60	0	9	4	60	8	6
5	75	0	11	5	75	10	7
6	90	1	1	6	91	0	9
7	105	1	3	7	106	2	10
8	120	1	6	8	121	5	0
9	135	1	8	9	136	7	2
10	150	1	10	10	151	9	3
11	165	2	0	11	166	11	5
12	180	2	3	12	182	1	6
13	195	2	5	13	197	3	8
14	210	2	7	14	212	5	9
15	225	2	9	15	227	7	11
16	240	3	0	16	242	10	1
17	255	3	2	17	258	0	2
18	270	3	4	18	273	2	4
19	285	3	6	19	288	4	5
20	300	3	9	20	303	6	7
21	315	3	11	21	318	8	8
22	330	4	1	22	333	10	10
23	345	4	3	23	349	0	11
24	360	4	6	24	364	3	1
25	375	4	8	25	379	5	3
26	390	4	10	26	394	7	4
27	405	5	0	27	409	9	6
28	420	5	3	28	424	11	7
29	435	5	5	29	440	1	9
30	450	5	7	30	455	3	10
31	465	5	9	31	470	6	0
32	480	6	0	32	485	8	2
33	495	6	2	33	500	10	3
34	510	6	4	34	516	0	5
35	525	6	6	35	531	2	6
36	540	6	9	36	546	4	8
37	555	6	11	37	561	6	9
38	570	7	1	38	576	8	11
39	585	7	3	39	591	11	0
40	600	7	6	40	607	1	2
41	615	7	8	41	622	3	4
42	630	7	10	42	637	5	5
43	645	8	0	43	652	7	7
44	660	8	3	44	667	9	8
45	675	8	5	45	682	11	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa	S		Ft.	In.	Pa.	S.
¼	3	9	0	6	¼	3	9	6	3
½	7	6	1	0	½	7	7	0	6
¾	11	3	1	6	¾	11	4	6	9

Ft. long	Side 47 Inch.			Ft. long	Side 47 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	4	1	1	15	6	0
2	30	8	2	2	31	0	1
3	46	0	3	3	46	6	1
4	61	4	4	4	62	0	2
5	76	8	5	5	77	6	2
6	92	0	6	6	93	0	3
7	107	4	7	7	108	6	3
8	122	8	8	8	124	0	4
9	138	0	9	9	139	6	5
10	153	4	10	10	155	0	5
11	168	8	11	11	170	6	6
12	184	1	0	12	186	0	6
13	199	5	1	13	201	6	7
14	214	9	2	14	217	0	7
15	230	1	3	15	232	6	8
16	245	5	4	16	248	0	9
17	260	9	5	17	263	6	9
18	276	1	6	18	279	0	10
19	291	5	7	19	294	6	10
20	306	9	8	20	310	0	11
21	322	1	9	21	325	6	11
22	337	5	10	22	341	1	0
23	352	9	11	23	356	7	0
24	368	2	0	24	372	1	1
25	383	6	1	25	387	7	2
26	398	10	2	26	403	1	2
27	414	2	3	27	418	7	3
28	429	6	4	28	434	1	3
29	444	10	5	29	449	7	4
30	460	2	6	30	465	1	4
31	475	6	7	31	480	7	5
32	490	10	8	32	496	1	6
33	506	2	9	33	511	7	6
34	521	6	10	34	527	1	7
35	536	10	11	35	542	7	7
36	552	3	0	36	558	1	8
37	567	7	1	37	573	7	8
38	582	11	2	38	589	1	9
39	598	3	3	39	604	7	9
40	613	7	4	40	620	1	10
41	628	11	5	41	635	7	11
42	644	3	6	42	651	1	11
43	659	7	7	43	666	8	0
44	674	11	8	44	682	2	0
45	690	3	9	45	697	8	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	10	0	3	¼	3	10	6	0
½	7	8	0	6	½	7	9	0	0
¾	11	6	0	9	¾	11	7	6	0

Ft long	Side 47 ½			Ft long	Side 47 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	8	0	1	15	10	0
2	31	4	0	2	31	8	0
3	47	0	0	3	47	6	0
4	62	8	1	4	63	4	0
5	78	4	1	5	79	2	0
6	94	0	1	6	95	0	0
7	109	8	1	7	110	10	0
8	125	4	2	8	126	8	0
9	141	0	2	9	142	6	0
10	156	8	2	10	158	4	0
11	172	4	2	11	174	2	0
12	188	0	3	12	190	0	0
13	203	8	3	13	205	10	0
14	219	4	3	14	221	8	0
15	235	0	3	15	237	6	0
16	250	8	4	16	253	4	1
17	266	4	4	17	269	2	1
18	282	0	4	18	285	0	1
19	297	8	4	19	300	10	1
20	313	4	5	20	316	8	1
21	329	0	5	21	332	6	1
22	344	8	5	22	348	4	1
23	360	4	5	23	364	2	1
24	376	0	6	24	380	0	1
25	391	8	6	25	395	10	1
26	407	4	6	26	411	8	1
27	423	0	6	27	427	6	1
28	438	8	7	28	443	4	1
29	454	4	7	29	459	2	1
30	470	0	7	30	475	0	1
31	485	8	7	31	490	10	1
32	501	4	8	32	506	8	2
33	517	0	8	33	522	6	2
34	532	8	8	34	538	4	2
35	548	4	8	35	554	2	2
36	564	0	9	36	570	0	2
37	579	8	9	37	585	10	2
38	595	4	9	38	601	8	2
39	611	0	9	39	617	6	2
40	626	8	10	40	633	4	2
41	642	4	10	41	649	2	2
42	658	0	10	42	665	0	2
43	673	8	10	43	680	10	2
44	689	4	11	44	696	8	2
45	705	0	11	45	712	6	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	11	0	0	¼	3	11	6	0
½	7	10	0	0	½	7	11	0	0
¾	11	9	0	0	¾	11	10	6	0

Ft. long	Side 48 Inch.			Ft. long	Side 48 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	0	0	1	16	2	0
2	32	0	0	2	32	4	0
3	48	0	0	3	48	6	0
4	64	0	0	4	64	8	0
5	80	0	0	5	80	10	0
6	96	0	0	6	97	0	0
7	112	0	0	7	113	2	0
8	128	0	0	8	129	4	0
9	144	0	0	9	145	6	0
10	160	0	0	10	161	8	0
11	176	0	0	11	177	10	0
12	192	0	0	12	194	0	0
13	208	0	0	13	210	2	0
14	224	0	0	14	226	4	0
15	240	0	0	15	242	6	0
16	256	0	0	16	258	8	1
17	272	0	0	17	274	10	1
18	288	0	0	18	291	0	1
19	304	0	0	19	307	2	1
20	320	0	0	20	323	4	1
21	336	0	0	21	339	6	1
22	352	0	0	22	355	8	1
23	368	0	0	23	371	10	1
24	384	0	0	24	388	0	1
25	400	0	0	25	404	2	1
26	416	0	0	26	420	4	1
27	432	0	0	27	436	6	1
28	448	0	0	28	452	8	1
29	464	0	0	29	468	10	1
30	480	0	0	30	485	0	1
31	496	0	0	31	501	2	1
32	512	0	0	32	517	4	2
33	528	0	0	33	533	6	2
34	544	0	0	34	549	8	2
35	560	0	0	35	565	10	2
36	576	0	0	36	582	0	2
37	592	0	0	37	598	2	2
38	608	0	0	38	614	4	2
39	624	0	0	39	630	6	2
40	640	0	0	40	646	8	2
41	656	0	0	41	662	10	2
42	672	0	0	42	679	0	2
43	688	0	0	43	695	2	2
44	704	0	0	44	711	4	2
45	720	0	0	45	727	6	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
$\frac{1}{4}$	4	0	0	0	$\frac{1}{4}$	4	0	6	0
$\frac{1}{2}$	8	0	0	0	$\frac{1}{2}$	8	1	0	0
$\frac{3}{4}$	12	0	0	0	$\frac{3}{4}$	12	1	6	0

Ft. long	Side 48 ½			*Ft. long*	Side 48 ¾		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	16	4	0	1	16	6	0
2	32	8	0	2	33	0	1
3	49	0	0	3	49	6	1
4	65	4	1	4	66	0	2
5	81	8	1	5	82	6	2
6	98	0	1	6	99	0	3
7	114	4	1	7	115	6	3
8	130	8	2	8	132	0	4
9	147	0	2	9	148	6	5
10	163	4	2	10	165	0	5
11	179	8	2	11	181	6	6
12	196	0	3	12	198	0	6
13	212	4	3	13	214	6	7
14	228	8	3	14	231	0	7
15	245	0	3	15	247	6	8
16	261	4	4	16	264	0	9
17	277	8	4	17	280	6	9
18	294	0	4	18	297	0	10
19	310	4	4	19	313	6	10
20	326	8	5	20	330	0	11
21	343	0	5	21	346	6	11
22	359	4	5	22	363	1	0
23	375	8	5	23	379	7	0
24	392	0	6	24	396	1	1
25	408	4	6	25	412	7	1
26	424	8	6	26	429	1	2
27	441	0	6	27	445	7	2
28	457	4	7	28	462	1	3
29	473	8	7	29	478	7	4
30	490	0	7	30	495	1	4
31	506	4	7	31	511	7	5
32	522	8	8	32	528	1	5
33	539	0	8	33	544	7	6
34	555	4	8	34	561	1	6
35	571	8	8	35	577	7	7
36	588	0	9	36	594	1	8
37	604	4	9	37	610	7	8
38	620	8	9	38	627	1	9
39	637	0	9	39	743	7	9
40	653	4	10	40	660	1	10
41	669	8	10	41	676	7	10
42	686	0	10	42	693	1	11
43	702	4	10	43	709	7	11
44	718	8	11	44	726	2	0
45	735	0	11	45	742	8	1

Quarters of a Foot.					*Quarters* of a *Foot*.				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	1	0	0	¼	4	1	6	0
½	8	2	0	0	½	8	3	0	0
¾	12	3	0	0	¾	12	4	6	0

Ft. long	Side 49 Inch.			*Ft. long*	Side 49 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	8	1	1	16	10	1
2	33	4	2	2	33	8	3
3	50	0	3	3	50	6	4
4	66	8	4	4	67	4	6
5	83	4	5	5	84	2	7
6	100	0	6	6	101	0	9
7	116	8	7	7	117	10	10
8	133	4	8	8	134	9	0
9	150	0	9	9	151	7	2
10	166	8	10	10	168	5	3
11	183	4	11	11	185	3	5
12	200	1	0	12	202	1	6
13	216	9	1	13	218	11	8
14	233	5	2	14	235	9	9
15	250	1	3	15	252	7	11
16	266	9	4	16	269	6	1
17	283	5	5	17	286	4	2
18	300	1	6	18	303	2	4
19	316	9	7	19	320	0	5
20	333	5	8	20	336	10	7
21	350	1	9	21	353	8	8
22	366	9	10	22	370	6	10
23	383	5	11	23	387	4	11
24	400	2	0	24	404	3	1
25	416	10	1	25	421	1	3
26	433	6	2	26	437	11	4
27	450	2	3	27	454	9	6
28	466	10	4	28	471	7	7
29	483	6	5	29	488	5	9
30	500	2	6	30	505	3	10
31	516	10	7	31	522	2	0
32	533	6	8	32	539	0	2
33	550	2	9	33	555	10	3
34	566	10	10	34	572	8	5
35	583	6	11	35	589	6	6
36	600	3	0	36	606	4	8
37	616	11	1	37	623	2	9
38	633	7	2	38	640	0	11
39	650	3	3	39	656	11	1
40	666	11	4	40	673	9	2
41	683	7	5	41	690	7	4
42	700	3	6	42	707	5	5
43	716	11	7	43	724	3	7
44	733	7	8	44	741	1	8
45	750	3	9	45	757	11	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In	Pa.	S.
¼	4	2	0	3	¼	4	2	6	3
½	8	4	0	6	½	8	5	0	6
¾	12	6	0	9	¾	12	7	6	9

Ft. long	Side 49 ½			Ft. long	Side 49 ¾		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	17	0	2	1	17	2	3
2	34	0	4	2	34	4	6
3	51	0	6	3	51	6	9
4	68	0	9	4	68	9	0
5	85	0	11	5	85	11	3
6	102	1	1	6	103	1	6
7	119	1	3	7	120	3	9
8	136	1	6	8	137	6	0
9	153	1	8	9	154	8	3
10	170	1	10	10	171	10	6
11	187	2	0	11	189	0	9
12	204	2	3	12	206	3	0
13	221	2	5	13	223	5	3
14	238	2	7	14	240	7	6
15	255	2	9	15	257	9	9
16	272	3	0	16	275	0	1
17	289	3	2	17	292	2	4
18	306	3	4	18	309	4	7
19	323	3	6	19	326	6	10
20	340	3	9	20	343	9	1
21	357	3	11	21	360	11	4
22	374	4	1	22	378	1	7
23	391	4	3	23	395	3	10
24	408	4	6	24	412	6	1
25	425	4	8	25	429	8	4
26	442	4	10	26	446	10	7
27	459	5	0	27	464	0	10
28	476	5	3	28	481	3	1
29	493	5	5	29	498	5	4
30	510	5	7	30	515	7	7
31	527	5	9	31	532	9	10
32	544	6	0	32	550	0	2
33	561	6	2	33	567	2	5
34	578	6	4	34	584	4	8
35	595	6	6	35	601	6	11
36	612	6	9	36	618	9	2
37	629	6	11	37	635	11	5
38	646	7	1	38	653	1	8
39	663	7	3	39	670	3	11
40	680	7	6	40	687	6	2
41	697	7	8	41	704	8	5
42	714	7	10	42	721	10	8
43	731	8	0	43	739	0	11
44	748	8	3	44	756	3	2
45	765	8	5	45	773	5	5

Quarters of a Foot.					*Quarters of a Foot.*				
	Ft.	In	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	3	0	6	¼	4	3	6	9
½	8	6	1	0	½	8	7	1	6
¾	12	9	1	6	¾	12	10	8	3

Ft. long	Side 50 Inch.			*Ft. long*	Side 50½		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	17	4	4	1	17	6	5
2	34	8	8	2	35	0	10
3	52	1	0	3	52	7	3
4	69	5	4	4	70	1	8
5	86	9	8	5	87	8	1
6	104	2	0	6	105	2	6
7	121	6	4	7	122	8	11
8	138	10	8	8	140	3	4
9	156	3	0	9	157	9	9
10	173	7	4	10	175	4	2
11	190	11	8	11	192	10	7
12	208	4	0	12	210	5	0
13	225	8	4	13	227	11	5
14	243	0	8	14	245	5	10
15	260	5	0	15	263	0	3
16	277	9	4	16	280	6	9
17	295	1	8	17	298	1	2
18	312	6	0	18	315	7	7
19	329	10	4	19	333	2	0
20	347	2	8	20	350	8	5
21	364	7	0	21	368	2	10
22	381	11	4	22	385	9	3
23	399	3	8	23	403	3	8
24	416	8	0	24	420	10	1
25	434	0	4	25	438	4	6
26	451	4	8	26	455	10	11
27	468	9	0	27	473	5	4
28	486	1	4	28	490	11	9
29	503	5	8	29	508	6	2
30	520	10	0	30	526	0	7
31	538	2	4	31	543	7	0
32	555	6	8	32	561	1	6
33	572	11	0	33	578	7	11
34	590	3	4	34	596	2	4
35	607	7	8	35	613	8	9
36	625	0	0	36	631	3	2
37	642	4	4	37	648	9	7
38	659	8	8	38	666	4	0
39	677	1	0	39	683	10	5
40	694	5	4	40	701	4	10
41	711	9	8	41	718	11	3
42	729	2	0	42	736	5	8
43	747	6	4	43	754	0	1
44	764	10	8	44	771	6	6
45	782	3	0	45	789	0	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	8	1	0	¼	4	4	7	3
½	8	4	2	0	½	8	9	2	6
¾	13	0	3	0	¾	13	1	9	9

Ft. long	Side 50 ½			*Ft. long*	Side 50 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	17	8	6	1	17	10	7
2	35	5	0	2	35	9	3
3	53	1	6	3	53	7	10
4	70	10	1	4	71	6	6
5	88	6	7	5	89	5	1
6	106	3	1	6	107	3	9
7	123	11	7	7	125	2	4
8	141	8	2	8	143	1	0
9	159	4	8	9	160	11	8
10	177	1	2	10	178	10	3
11	194	9	8	11	196	8	11
12	212	6	3	12	214	7	6
13	230	2	9	13	232	6	2
14	247	11	3	14	250	4	9
15	265	7	9	15	268	3	5
16	283	4	4	16	286	2	1
17	301	0	10	17	304	0	8
18	318	9	4	18	321	11	4
19	336	5	10	19	339	9	11
20	354	2	5	20	357	8	7
21	371	10	11	21	375	7	2
22	389	7	5	22	393	5	10
23	407	3	11	23	411	4	5
24	425	0	6	24	429	3	1
25	442	9	0	25	447	1	9
26	460	5	6	26	465	0	4
27	478	2	0	27	482	11	0
28	495	10	7	28	500	9	9
29	513	7	1	29	518	8	3
30	531	3	7	30	536	6	10
31	549	0	1	31	554	5	6
32	566	8	8	32	572	4	2
33	584	5	2	33	590	2	9
34	602	1	8	34	608	1	5
35	619	10	2	35	626	0	0
36	637	6	9	36	643	10	8
37	655	3	3	37	661	9	3
38	672	11	9	38	679	7	11
39	690	8	3	39	697	6	6
40	708	4	10	40	715	5	2
41	726	1	4	41	733	3	10
42	743	9	10	42	751	2	5
43	761	6	4	43	769	0	1
44	779	2	11	44	786	11	8
45	796	11	5	45	804	10	4

Quarters of a *Foot*.

	Ft.	In.	Pa.	S		Ft.	In.	Pa.	S.
¼	4	5	1	6	¼	4	5	7	9
½	8	10	3	0	½	8	11	3	6
¾	13	3	4	6	¾	13	4	11	3

Ft. long	Side 51 Inch.			Ft. long	Side 51 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	0	9	1	18	2	10
2	36	1	6	2	36	5	9
3	54	2	3	3	54	8	7
4	72	3	0	4	72	11	6
5	90	3	9	5	91	2	4
6	108	4	6	6	109	5	3
7	126	5	3	7	127	8	1
8	144	6	0	8	145	11	0
9	162	6	9	9	164	1	11
10	180	7	6	10	182	4	9
11	198	8	3	11	200	7	8
12	216	9	0	12	218	10	6
13	234	9	9	13	237	1	5
14	252	10	6	14	255	4	3
15	270	11	3	15	273	7	2
16	289	0	0	16	291	10	1
17	307	0	9	17	310	0	11
18	325	1	6	18	328	3	10
19	343	2	3	19	346	6	8
20	361	3	0	20	364	9	7
21	379	3	9	21	383	0	5
22	397	4	6	22	401	3	4
23	415	5	3	23	419	6	2
24	433	6	0	24	437	9	1
25	451	6	9	25	456	0	0
26	469	7	6	26	474	2	10
27	487	8	3	27	492	5	9
28	505	9	0	28	510	8	7
29	523	9	9	29	528	11	6
30	541	10	6	30	547	2	4
31	559	11	3	31	565	5	3
32	578	0	0	32	583	8	2
33	596	0	9	33	601	11	0
34	614	1	6	34	620	1	11
35	632	2	3	35	638	4	9
36	650	3	0	36	656	7	8
37	668	3	9	37	674	10	6
38	686	4	6	38	693	1	5
39	704	5	3	39	711	4	3
40	722	6	0	40	729	7	2
41	740	6	9	41	747	10	1
42	758	7	6	42	766	0	11
43	776	8	3	43	784	3	10
44	794	9	0	44	802	6	8
45	812	9	9	45	820	9	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	6	2	3	¼	4	6	8	6
½	9	0	4	6	½	9	1	5	0
¾	13	6	6	9	¾	13	8	1	6

Ft long	Side 51 ½			Ft long	Side 51 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	5	0	1	18	7	1
2	36	10	0	2	37	2	2
3	55	3	0	3	55	9	3
4	73	8	1	4	74	4	4
5	92	1	1	5	92	11	5
6	110	6	1	6	111	6	6
7	128	11	1	7	130	1	7
8	147	4	2	8	148	8	8
9	165	9	2	9	167	3	9
10	184	2	2	10	185	10	10
11	202	7	2	11	204	5	11
12	221	0	3	12	223	1	0
13	239	5	3	13	241	8	1
14	257	10	3	14	260	3	2
15	276	3	3	15	278	10	3
16	294	8	4	16	297	5	5
17	313	1	4	17	316	0	6
18	331	6	4	18	334	7	7
19	349	11	4	19	353	2	8
20	368	4	5	20	371	9	9
21	386	9	5	21	390	4	10
22	405	2	5	22	408	11	11
23	423	7	5	23	427	7	0
24	442	0	6	24	446	2	1
25	460	5	6	25	464	9	2
26	478	10	6	26	483	4	3
27	497	3	6	27	501	11	4
28	515	8	7	28	520	6	5
29	534	1	7	29	539	1	6
30	552	6	7	30	557	8	7
31	570	11	7	31	576	3	8
32	589	4	8	32	594	10	10
33	607	9	8	33	613	5	11
34	626	2	8	34	632	1	0
35	644	7	8	35	650	8	1
36	663	0	9	36	669	3	2
37	681	5	9	37	687	10	3
38	699	10	9	38	706	5	4
39	718	3	9	39	725	0	5
40	736	8	10	40	743	7	6
41	755	1	10	41	762	3	7
42	773	6	10	42	780	10	8
43	791	11	10	43	809	5	9
44	310	4	11	44	818	0	10
45	828	9	11	45	836	7	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	7	3	0	¼	4	7	9	3
½	9	2	6	0	½	9	3	6	6
¾	13	9	9	0	¾	13	11	3	9

Ft. long	Side 52 Inch.			*Ft. long*	Side 52 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	9	4	1	18	11	6
2	37	6	8	2	37	11	0
3	56	4	0	3	56	10	6
4	75	1	4	4	75	10	0
5	93	10	8	5	94	9	6
6	112	8	0	6	113	9	0
7	131	5	4	7	132	8	6
8	150	2	8	8	151	8	0
9	169	0	0	9	170	7	6
10	187	9	4	10	189	7	0
11	206	6	8	11	208	6	6
12	225	4	0	12	227	6	0
13	244	1	4	13	246	5	6
14	262	10	8	14	265	5	0
15	281	8	0	15	284	4	6
16	300	5	4	16	303	4	1
17	319	2	8	17	322	3	7
18	338	0	0	18	341	3	1
19	356	9	4	19	360	2	7
20	375	6	8	20	379	2	1
21	394	4	0	21	398	1	7
22	413	1	4	22	417	1	1
23	431	10	8	23	436	0	7
24	450	8	0	24	455	0	1
25	469	5	4	25	473	11	7
26	488	2	8	26	492	11	1
27	507	0	0	27	511	10	7
28	525	9	4	28	530	10	1
29	544	6	8	29	549	9	7
30	563	4	0	30	568	9	1
31	582	1	4	31	587	8	7
32	600	10	8	32	606	8	2
33	619	8	0	33	625	7	8
34	638	5	4	34	644	7	2
35	657	2	8	35	663	6	8
36	676	0	0	36	682	6	2
37	694	9	4	37	701	5	8
38	713	6	8	38	720	5	2
39	732	4	0	39	739	4	8
40	751	1	4	40	758	4	2
41	769	10	8	41	777	3	8
42	788	8	0	42	796	3	2
43	807	5	4	43	815	2	2
44	826	2	8	44	834	2	8
45	845	0	0	45	853	1	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S
¼	4	8	4	0	¼	4	8	10	6
½	9	4	8	0	½	9	5	9	0
¾	14	1	0	0	¾	14	2	7	6

Ft. long	Side 52 ½			*Ft. long*	Side 52 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	1	8	1	19	3	10
2	38	3	4	2	38	7	9
3	57	5	0	3	57	11	7
4	76	6	9	4	77	3	6
5	95	8	5	5	96	7	4
6	114	10	1	6	115	11	3
7	133	11	9	7	135	3	1
8	153	1	6	8	154	7	0
9	172	3	2	9	173	10	11
10	191	4	10	10	193	2	9
11	210	6	6	11	212	6	8
12	229	8	3	12	231	10	6
13	248	9	11	13	251	2	5
14	267	11	7	14	270	6	3
15	287	1	3	15	289	10	2
16	306	3	0	16	309	2	1
17	325	4	8	17	328	5	11
18	344	6	4	18	347	9	10
19	363	8	0	19	367	1	8
20	382	9	9	20	386	5	7
21	401	11	5	21	405	9	5
22	421	1	1	22	425	1	4
23	440	2	9	23	444	5	2
24	459	4	6	24	463	9	1
25	478	6	2	25	483	1	0
26	497	7	10	26	502	4	10
27	516	9	6	27	521	8	9
28	535	11	3	28	541	0	7
29	555	0	11	29	560	4	6
30	574	2	7	30	579	8	4
31	593	4	3	31	599	0	3
32	612	6	0	32	618	4	2
33	631	7	8	33	637	0	6
34	650	9	4	34	656	11	11
35	669	11	0	35	676	2	9
36	689	0	9	36	695	6	8
37	708	2	5	37	714	10	6
38	727	4	1	38	734	3	5
39	746	5	9	39	753	7	3
40	765	7	6	40	772	11	2
41	784	9	2	41	792	3	1
42	803	10	10	42	811	6	11
43	823	0	6	43	830	10	10
44	842	2	3	44	850	2	8
45	861	3	11	45	869	6	7

Quarters of a Foot.					*Quarters* of a Foot.				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	9	5	0	¼	4	9	11	6
½	9	6	10	0	½	9	7	11	0
¾	14	4	3	0	¾	14	5	10	6

Ft. long	Side 53 Inch.			*Ft. long*	Side 53 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	6	1	1	19	8	3
2	39	0	2	2	39	4	7
3	58	6	3	3	59	0	10
4	78	0	4	4	78	9	2
5	97	6	5	5	98	5	5
6	117	0	6	6	118	1	9
7	136	6	7	7	137	10	0
8	156	0	8	8	157	6	4
9	175	6	9	9	177	2	8
10	195	0	10	10	196	10	11
11	214	6	11	11	216	7	3
12	234	1	0	12	236	3	9
13	253	7	1	13	255	11	10
14	273	1	2	14	275	8	1
15	292	7	3	15	295	4	5
16	312	1	4	16	315	0	9
17	331	7	5	17	334	9	0
18	351	1	6	18	354	5	4
19	370	7	7	19	374	1	7
20	390	1	8	20	393	9	11
21	409	7	9	21	413	6	2
22	429	1	10	22	433	2	6
23	448	7	11	23	452	10	9
24	467	2	0	24	472	7	1
25	487	8	1	25	492	3	5
26	507	2	2	26	511	11	8
27	526	8	3	27	531	8	0
28	546	2	4	28	551	4	3
29	565	8	5	29	571	2	7
30	585	2	6	30	590	10	10
31	604	8	7	31	610	7	2
32	624	2	8	32	630	3	6
33	643	8	9	33	649	11	9
34	663	2	10	34	669	8	1
35	682	8	11	35	689	4	4
36	702	3	0	36	709	0	8
37	721	9	1	37	728	8	11
38	741	3	2	38	748	5	3
39	760	9	3	39	768	1	6
40	780	3	4	40	797	9	10
41	799	9	5	41	807	6	2
42	819	3	6	42	827	2	5
43	838	9	7	43	846	10	9
44	858	3	8	44	866	7	0
45	877	9	9	45	886	3	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S
¼	4	10	6	3	¼	4	11	0	9
½	9	9	0	6	½	9	10	1	6
¾	14	7	6	9	¾	14	9	2	3

Ft. long	Side 53 ½			Ft. long	Side 53 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	10	6	1	20	0	9
2	39	9	0	2	40	1	6
3	59	7	6	3	60	2	3
4	79	6	1	4	80	3	0
5	99	4	7	5	100	3	9
6	119	3	1	6	120	4	6
7	139	1	7	7	140	5	3
8	159	0	2	8	160	6	0
9	178	10	8	9	180	6	9
10	198	9	2	10	200	7	6
11	218	7	8	11	220	8	3
12	238	6	3	12	240	9	0
13	258	4	9	13	260	9	9
14	278	3	3	14	280	10	6
15	298	1	9	15	300	11	3
16	318	0	4	16	321	0	1
17	337	10	10	17	341	0	10
18	357	9	4	18	361	1	7
19	377	7	10	19	381	2	4
20	397	6	5	20	401	3	1
21	417	4	11	21	421	3	10
22	437	3	5	22	441	4	7
23	457	1	11	23	461	5	4
24	477	0	6	24	481	6	1
25	496	11	0	25	501	6	10
26	516	9	6	26	521	7	7
27	536	8	0	27	541	8	4
28	556	6	7	28	561	9	1
29	576	5	1	29	581	9	10
30	596	3	7	30	601	10	7
31	616	2	1	31	621	11	4
32	636	0	8	32	642	0	2
33	655	11	2	33	662	0	11
34	675	9	8	34	682	1	8
35	695	8	2	35	702	2	5
36	715	6	9	36	722	3	2
37	735	5	3	37	742	3	11
38	755	3	9	38	762	4	8
39	775	2	3	39	782	5	5
40	795	0	10	40	802	6	2
41	814	11	4	41	822	6	11
42	834	9	10	42	842	7	8
43	854	8	4	43	862	8	5
44	874	6	11	44	882	9	2
45	894	5	5	45	902	9	11

Quarters of a *Foot*.					*Quarters* of a *Foot*.				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	11	7	6	¼	5	0	2	3
½	9	11	3	0	½	10	0	4	6
¾	14	10	10	6	¾	15	0	6	9

Ft. long	Side 54 Inch.			
	Ft.	In.	Pa	
1	20	3	0	
2	40	6	0	
3	60	9	0	
4	81	0	0	
5	101	3	0	
6	121	6	0	
7	141	9	0	
8	162	0	9	
9	182	3	0	
10	202	6	0	
11	222	9	0	
12	243	0	0	
13	263	3	0	
14	283	6	0	
15	303	9	0	
16	324	0	0	
17	344	3	0	
18	364	6	0	
19	384	9	0	
20	405	0	0	
21	425	3	0	
22	445	6	0	
23	465	9	0	
24	486	0	0	
25	506	3	0	
26	526	6	0	
27	546	9	0	
28	567	0	0	
29	587	3	0	
30	607	6	0	
31	627	9	0	
32	648	0	0	
33	668	3	0	
34	688	6	0	
35	708	9	0	
36	729	0	0	
37	749	3	0	
38	769	6	0	
39	789	9	0	
40	810	0	0	
41	830	3	0	
42	850	6	0	
43	870	9	0	
44	891	0	0	
45	911	3	0	
Quarters of a *Foot.*				
	Ft.	In.	Pa.	S.
¼	5	0	9	0
½	10	1	6	0
¾	15	2	3	0

NEW

TABLES,

Shewing the VALUE of

TIMBER, STONE, &c.

Cut to any Size or Scantling,

At the ſeveral Prices of

1s. 6d. 2s. 2s. 6d. and 3s. *per Foot Cube.*

And which, by *Addition* or *Subtraction* only, will ſhew the Value at any *Greater* or *Leſs* Prices.

N. B. In the Tables at 1*s.* 6*d.* 2*s.* and 2*s.* 6*d.* the Value is given *in Pence and eighths of a Penny* : But in the Table at 3*s.* the Value is given *in Pence and Farthings.*

The NEW TBBLE of *Scantlings*, at 1*s.* 6*d.* *per Foot Cube.*

2 In. Sqr.

by	d.	1/8
2	0	5
3	0	6
2	0	7
4	1	0
2	1	1
5	1	2
2	1	3
6	1	4
2	1	5
7	1	6
2	1	7
8	2	0
2	2	1
9	2	2
2	2	3
10	2	4
2	2	5
11	2	6
2	2	7
12	3	0

2 ½ Sqr.

by	d.	1/8
2	0	6
3	0	7
2	1	0
4	1	2
2	1	3
5	1	4
2	1	5
6	1	7
2	2	0
7	2	1
2	2	2
8	2	4
2	2	5
9	2	6
2	2	7
10	3	1
2	3	2
11	3	3
2	3	4
12	3	6

3 In. Sqr.

by	d.	1/8
3	1	1
2	1	2
4	1	4
2	1	5
5	1	7
2	2	0
6	2	2
2	2	3
7	2	5
2	2	6
8	3	0
2	3	1
9	3	3
2	3	4
10	3	6
2	3	7
11	4	1
2	4	2
12	4	4

3 ½ Sqr.

by	d.	1/8
2	1	4
4	1	6
2	1	7
5	2	1
2	2	3
6	2	4
2	2	6
7	3	0
2	3	2
8	3	4
2	3	5
9	3	7
2	4	1
10	4	3
2	4	4
11	4	6
2	5	0
12	5	2

4 In. Sqr.

by	d.	1/8
4	2	0
2	2	2
5	2	4
2	2	6
6	3	0
2	3	2
7	3	4
2	3	6
8	4	0
2	4	2
9	4	4
2	4	6
10	5	0
2	5	2
11	5	4
2	5	6
12	6	0

4 ½ Sqr.

by	d.	1/8
2	2	4
5	2	6
2	3	0
6	3	3
2	3	5
7	3	7
2	4	1
8	4	4
2	4	6
9	5	0
2	5	2
10	5	5
2	5	7
11	6	1
2	6	3
12	6	6

5 In. Sqr.

by	d.	1/8
5	3	1
2	3	3
6	3	6
2	3	8
7	4	3
2	4	5
8	5	0
2	5	2
9	5	5
2	5	7
10	6	2
2	6	4
11	6	7
2	7	1
12	7	4

5 ½ Sqr.

by	d.	1/8
2	3	6
6	4	1

2	4	3
7	4	6
2	5	1
8	5	4
2	5	6
9	6	1
2	6	4
10	6	7
2	7	1
11	7	4
2	7	7
12	8	2

6 In. Sqr.

by	d.	$\frac{1}{8}$
6	4	4
2	4	7
7	5	2
2	5	5
8	6	0
2	6	3
9	6	6
2	7	1
10	7	4
2	7	7
11	8	2
2	8	5
12	9	0

6 ½ Sqr.

by	d.	$\frac{1}{8}$
2	5	2
7	5	5
2	6	0
8	6	4
2	6	7
9	7	2
2	7	5
10	8	1
2	8	4
11	8	7
2	9	2
12	9	6

7 In. Sqr.

by	d.	$\frac{1}{8}$
7	6	1
2	6	4
8	7	0
2	7	3
9	7	7
2	8	2
10	8	6
2	9	1
11	9	5
2	10	0
12	10	4

7 ½ Sqr

by	d.	$\frac{1}{8}$
2	7	0
8	7	4
2	7	7
9	8	3
2	8	7
10	9	3
2	9	6
11	10	2
2	10	6
12	11	2

8 In. Sqr

by	d.	$\frac{1}{8}$
8	8	0
2	8	4
9	9	0
2	9	4
10	10	0
2	10	4
11	11	0
2	11	4
12	12	0

8 ½ Sqr.

by	d.	$\frac{1}{8}$
2	9	0
9	9	4
2	10	0
10	10	5
2	11	1
11	11	5
2	12	1
12	12	6

9 In. Sqr.

by	d.	$\frac{1}{8}$
9	10	1
2	10	5
10	11	2
2	11	6
11	12	3
2	12	7
12	13	4

9 ½ Sqr.

by	d.	$\frac{1}{8}$
2	11	2
10	11	7
2	12	3
11	13	0
2	13	5
12	14	2

10 In. Sqr.

by	d.	$\frac{1}{8}$
10	12	4
2	13	1
11	13	6
2	14	3
12	15	0

10 ½ Sqr.

by	d.	$\frac{1}{8}$
2	13	6
11	14	3
2	15	0
12	15	6

11 In. Sqr.

by	d.	$\frac{1}{8}$
11	15	1
2	15	6
12	16	4

11 ½ Sqr.

by	d.	$\frac{1}{8}$
2	16	4
12	17	2

The NEW TABLE of *Scantlings*, at 2*s* *per Foot Cube*

2 In. Sqr.

by	d.	⅛
2	0	6
3	1	0
2	1	1
4	1	2
2	1	4
5	1	5
2	1	7
6	2	0
2	2	1
7	2	2
2	2	4
8	2	5
2	2	6
9	3	0
2	3	1
10	3	2
2	3	4
11	3	5
2	3	6
12	4	0

2 ½ Sqr.

by	d	⅛
2	1	0
3	1	2
2	1	3
4	1	5
2	1	7
5	2	0
2	2	2
6	2	4
2	2	5
7	2	6
2	3	1
8	3	2
2	3	4
9	3	6
2	3	7
10	4	1
2	4	3
11	4	4
2	4	6
12	5	0

3 In. Sqr.

by	d.	⅛
3	1	4
2	1	6
4	2	0
2	2	2
5	2	4
2	2	6
6	3	0
2	3	2
7	3	4
2	3	6
8	4	0
2	4	2
9	4	4
2	4	6
10	5	0
2	5	2
11	5	4
2	5	6
12	6	0

3 ½ Sqr.

by	d.	⅛
2	2	0
4	2	2
2	2	5
5	2	7
2	3	2
6	3	4
2	3	6
7	4	0
2	4	3
8	4	5
2	4	7
9	5	2
2	5	4
10	5	6
2	6	0
11	6	2
2	6	5
12	7	0

4 In. Sqr

by	d.	⅛
4	2	5
2	3	0
5	3	2
2	3	5
6	4	0
2	4	2
7	4	5
2	5	0
8	5	2
2	5	5
9	6	0
2	6	2
10	6	5
2	7	0
11	7	2
2	7	5
12	8	0

4 ½ Sqr.

by	d	⅛
2	3	3
5	3	6
2	4	1
6	4	4
2	4	7
7	5	2
2	5	5
8	6	0
2	6	3
9	6	6
2	7	1
10	7	4
2	7	7
11	8	2
2	8	5
12	9	0

5 In. Sqr.

by	d.	⅛
5	4	1
2	4	4
6	5	0
2	5	3
7	5	6
2	6	2
8	6	5
2	7	0
9	7	4
2	7	7
10	8	2
2	8	6
11	9	1
2	9	4
12	10	0

5 ½ Sqr.

by	d.	⅛
2	5	0
6	5	4
2	5	7

7	6	2
2	6	7
8	7	2
2	7	6
9	8	2
2	8	5
10	9	1
2	9	5
11	10	0
2	10	4
12	11	0

6 In. Sqr

by	d.	⅛
6	6	0
2	6	4
7	7	1
2	7	4
8	8	0
2	8	4
9	9	0
2	9	4
10	10	0
2	10	4
11	11	0
2	11	4
12	12	0

6 ½ Sqr.

by	d.	⅛
2	7	0
7	7	4
2	8	0
8	8	5
2	9	1
9	9	6
2	10	2
10	10	6
2	11	3
11	11	7
2	12	3
12	13	0

7 In. Sqr.

by	d.	⅛
7	8	1
2	8	6
8	9	2
2	9	7
9	10	4
2	11	0
10	11	5
2	12	2
11	12	6
2	13	3
12	14	0

7 ½ Sqr.

by	d.	⅛
2	9	3
8	10	0
2	10	4
9	11	2
2	11	7
10	12	4
2	13	1
11	13	6
2	14	3
12	15	0

8 In. Sqr.

by	d.	⅛
8	10	5
2	11	2
9	12	0
2	12	5
10	13	2
2	14	0
11	14	5
2	15	2
12	16	0

8 ½ Sqr.

by	d.	⅛
2	12	0
9	12	6
2	13	3
10	14	1
2	14	7
11	15	4
2	16	2
12	17	0

9 In Sqr.

by	d	⅛
9	13	4
2	14	2
10	15	0
2	15	6
11	16	4
2	17	2
12	18	0

9 ½ Sqr.

by	d.	⅛
2	15	0
10	15	6
2	16	4
11	17	3
2	18	2
12	19	0

10 In. Sqr.

by	d.	⅛
10	16	5
2	17	4
11	18	2
2	19	1
12	20	0

10 ½ Sqr.

by	d.	⅛
2	18	3
11	19	2
2	20	1
12	21	0

11 In Sqr

by	d.	⅛
11	20	0
2	21	0
12	22	0

11 ½ Sqr.

by	d.	⅛
2	22	0
12	23	0

The New Table *of* Scantlings at 2s. 6d. *per Foot Cube.*

2 In. Sqr.

by	d.	$\frac{1}{8}$
2	1	0
3	1	1
2	1	3
4	1	5
2	1	6
5	2	0
2	2	2
6	2	4
2	2	6
7	2	7
2	3	0
8	3	2
2	3	4
9	3	6
2	3	7
10	4	0
2	4	2
11	4	4
2	4	6
12	5	0

2 $\frac{1}{2}$ Sqr.

by	d	$\frac{1}{8}$
2	1	2
3	1	4
2	1	5
4	2	0
2	2	1
5	2	4
2	2	5
6	3	0
2	3	1
7	3	3
2	3	6
8	4	0
2	4	2
9	4	3
2	4	5
10	5	0
2	5	1
11	5	3
2	5	6
12	6	2

3 In. Sqr.

by	d.	$\frac{1}{8}$
3	1	7
2	2	1
4	2	4
2	2	6
5	3	1
2	3	3
6	3	6
2	4	0
7	4	2
2	4	4
8	5	0
2	5	2
9	5	4
2	5	7
10	6	2
2	6	4
11	6	7
2	7	0
12	7	4

3 $\frac{1}{2}$ Sqr.

by	d.	$\frac{1}{8}$
2	2	4
4	2	7
2	3	1
5	3	4
2	4	0
6	4	2
2	4	5
7	5	0
2	5	4
8	5	6
2	6	0
9	6	3
2	6	7
10	7	2
2	7	4
11	7	7
2	8	3
12	8	6

4 In. Sqr

by	d.	$\frac{1}{8}$
4	3	2
2	3	7
5	4	1
2	4	4
6	5	0
2	5	2
7	5	6
2	6	2
8	6	4
2	7	0
9	7	2
2	7	6
10	8	1
2	8	4
11	9	0
2	9	4
12	10	0

4 $\frac{1}{2}$ Sqr.

by	d.	$\frac{1}{8}$
2	4	2
5	4	4
2	5	0
6	5	4
2	6	0
7	6	3
2	6	6
8	7	2
2	7	6
9	8	2
2	8	5
10	9	0
2	9	4
11	9	7
2	10	2
12	11	1

5 In. Sqr.

by	d.	$\frac{1}{8}$
5	5	0
2	5	5
6	6	2
2	6	5
7	7	2
2	7	5
8	8	1
2	8	5
9	9	2
2	9	5
10	10	2
2	10	5
11	11	1
2	11	5
12	12	4

5 $\frac{1}{2}$ Sqr.

by	d.	$\frac{1}{8}$
2	6	2
6	6	7
2	7	2

7	7	7
2	8	3
8	9	0
2	9	3
9	10	0
2	10	4
10	11	2
2	11	5
11	12	1
2	12	6
12	13	6

6 In. Sqr.

by	d.	⅛
6	7	4
2	8	0
7	8	4
2	9	0
8	10	0
2	10	5
9	11	2
2	11	7
10	12	4
2	13	1
11	13	6
2	14	2
12	15	0

6 ½ Sqr.

by	d.	⅛
2	8	6
7	9	2
2	10	0
8	10	7
2	11	3
9	12	0
2	12	6
10	13	2
2	13	7
11	14	2
2	15	0
12	16	2

7 In. Sqr.

by	d.	⅛
7	10	1
2	10	7
8	11	4
2	12	1
9	13	1
2	13	6
10	14	4
2	15	3
11	16	0
2	16	6
12	17	4

7 ½ Sqr.

by	d.	⅛
2	11	6
8	12	4
2	13	1
9	14	0
2	14	6
10	15	5
2	16	3
11	17	1
2	17	7
12	18	6

8 In. Sqr.

by	d.	⅛
8	13	2
2	14	0
9	15	0
2	15	6
10	16	4
2	17	4
11	18	2
2	19	0
12	20	0

8 ½ Sqr.

by	d.	⅛
2	15	0
9	15	7
2	16	5
10	17	5
2	18	4
11	19	2
2	20	2
12	21	2

9 In. Sqr.

by	d.	⅛
9	16	7
2	17	6
10	18	6
2	19	2
11	20	5
2	21	4
12	22	4

9 ½ Sqr.

by	d.	⅛
2	18	6
10	19	5
2	20	5
11	21	5
2	22	6
12	23	6

10 In. Sqr.

by	d.	⅛
10	20	6
2	21	7
11	22	4
2	23	7
12	25	0

10 ½ Sqr.

by	d.	⅛
2	22	7
11	24	0
2	25	1
12	26	2

11 In. Sqr.

by	d.	⅛
11	25	0
2	26	2
12	27	4

11 ½ Sqr.

by	d.	⅛
2	27	6
12	28	6

The NEW TABLE of *Scantlings*, at 3*s. per Foot Cube.*

2 In. Sqr.

by	d.	q.
2	1	1
3	1	2
2	1	3
4	2	0
2	2	1
5	2	2
2	2	3
6	3	0
2	3	1
7	3	2
2	3	3
8	4	0
2	4	1
9	4	2
2	4	3
10	5	0
2	5	1
11	5	2
2	5	3
12	6	0

2 ½ Sqr.

by	d.	q.
2	1	2
3	1	3
2	2	0
4	2	2
2	2	3
5	3	0
2	3	1
6	3	3
2	4	0
7	4	1
2	4	2
8	5	0
2	5	1
9	5	2
2	5	3
10	6	1
2	6	2
11	6	3
2	7	0
12	7	2

3 In. Sqr.

by	d.	q.
3	2	1
2	2	2
4	3	0
2	3	1
5	3	3
2	4	0
6	4	2
2	4	3
7	5	1
2	5	2
8	6	0
2	6	1
9	6	3
2	7	0
10	7	2
2	7	3
11	8	1
2	8	2
12	9	0

3 ½ Sqr.

by	d.	q.
2	3	0
4	3	2
2	3	3
5	4	1
2	4	3
6	5	1
2	5	2
7	6	0
2	6	2
8	7	0
2	7	1
9	7	3
2	8	1
10	8	3
2	9	0
11	9	2
2	10	0
12	10	2

4 In. Sqr.

by	d.	q.
4	4	0
2	4	2
5	5	0
2	5	2
6	6	0
2	6	2
7	7	0
2	7	2
8	8	0
2	8	2
9	9	0
2	9	2
10	10	0
2	10	2
11	11	0
2	11	2
12	12	0

4 ½ Sqr.

by	d.	q.
2	5	0
5	5	2
2	6	0
6	6	3
2	7	1
7	7	3
2	8	1
8	9	0
2	9	2
9	10	0
2	10	2
10	11	1
2	11	3
11	12	1
2	12	3
12	13	2

5 In. Sqr.

by	d.	q.
5	6	1
2	6	3
6	7	2
2	8	0
7	8	3
2	9	1
8	10	0
2	10	2
9	11	1
2	11	3
10	12	2
2	13	0
11	13	3
2	14	1
12	15	0

5 ½ Sqr.

by	d.	q.
2	7	2
6	8	1

2	8	3
7	9	2
2	10	1
8	11	0
2	11	2
9	12	1
2	13	0
10	13	3
2	14	1
11	15	0
2	15	3
12	16	2

6 In. Sqr

by	d.	q.
6	9	0
2	9	3
7	10	2
2	11	1
8	12	0
2	12	3
9	13	2
2	14	1
10	15	0
2	15	3
11	16	2
2	17	1
12	18	0

6 ½ Sqr.

by	d.	q.
2	10	2
7	11	1
2	12	0
8	13	0
2	13	3
9	14	2
2	15	1
10	16	1
2	17	0
11	17	3
2	18	2
12	19	2

7 In.Sqr.

by	d.	q.
7	12	1
2	13	0
8	14	0
2	14	3
9	15	3
2	16	2
10	17	2
2	18	1
11	19	1
2	20	0
12	21	0

7 ½ Sq

by	d	q
2	4	0
8	5	0
2	15	3
9	16	3
2	17	3
10	18	3
2	19	2
11	20	2
2	21	2
12	22	2

8 In Sqr.

by	d	q.
8	16	0
2	17	0
9	18	0
2	19	0
10	20	0
2	21	0
11	22	0
2	23	0
12	24	0

8 ½ Sqr.

by	d.	q.
2	18	0
9	19	0
2	20	0
10	21	1
2	22	1
11	23	1
2	24	1
12	25	2

9 In.Sqr.

by	d.	q.
9	20	1
2	21	1
10	22	2
2	23	2
11	24	3
2	25	3
12	27	0

9 ½ Sqr.

by	d.	q.
2	22	2
10	23	3
2	24	3
11	26	0
2	27	1
12	28	2

10 In..Sqr.

by	d.	q.
10	25	0
2	26	1
11	27	2
2	28	3
12	30	0

10 ½ Sqr.

by	d	q.
2	27	2
11	28	3
2	30	0
12	31	2

11 In.Sqr.

by	d.	q.
11	30	1
2	31	2
12	33	0

11 ½ Sqr.

by	d.	q.
2	33	0
12	34	2

A NEW

TABLE

OF

Superficial or Flat MEASURE,

Ready caſt up,

Whereby the *Superficial Content*, and conſequently the Value of any Quantity of *Board*, *Glaſs*, *&c.* may be found AT SIGHT, from *one Inch* to 24 *Inches* the BREADTH, and from a *Quarter* of an *Inch* to 24 *Feet* the LENGTH.

And therefore, by *Addition* only, may ſerve to any greater *Breadth* or *Length*, if there ſhould ever be Occaſion.

Feet long.	1 In. broad.			*Feet long.*	1 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	0	1	0	1	0	1	3
2	0	2	0	2	0	2	6
3	0	3	0	3	0	3	9
4	0	4	0	4	0	5	0
5	0	5	0	5	0	6	3
6	0	6	0	6	0	7	6
7	0	7	0	7	0	8	9
8	0	8	0	8	0	10	0
9	0	9	0	9	0	11	3
10	0	10	0	10	1	0	6
11	0	11	0	11	1	1	9
12	1	0	0	12	1	2	0
13	1	1	0	13	1	4	3
14	1	2	0	14	1	5	6
15	1	3	0	15	1	6	9
16	1	4	0	16	1	8	0
17	1	5	0	17	1	9	3
18	1	6	0	18	1	10	6
19	1	7	0	19	1	11	9
20	1	8	0	20	2	1	0
21	1	9	0	21	2	2	3
22	1	10	0	22	2	3	6
23	1	11	0	23	2	4	9
24	2	0	0	24	2	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	1	0	1	0	0	1	3
2	0	0	2	0	2	0	0	2	6
3	0	0	3	0	3	0	0	3	9
4	0	0	4	0	4	0	0	5	0
5	0	0	5	0	5	0	0	6	3
6	0	0	6	0	6	0	0	7	6
7	0	0	7	0	7	0	0	8	9
8	0	0	8	0	8	0	0	10	0
9	0	0	9	0	9	0	0	11	3
10	0	0	10	0	10	0	1	0	6
11	0	0	11	0	11	0	1	1	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	0	3	0	¼	0	0	3	9
½	0	0	6	0	½	0	0	7	6
¾	0	0	9	0	¾	0	0	11	3

Feet long.	1 ½ broad.			*Feet long.*	1 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	6	1	0	1	9
2	0	3	0	2	0	3	6
3	0	4	6	3	0	5	3
4	0	6	0	4	0	7	0
5	0	7	6	5	0	8	9
6	0	9	0	6	0	10	6
7	0	10	6	7	1	0	3
8	1	0	0	8	1	2	0
9	1	1	6	9	1	3	9
10	1	3	0	10	1	5	6
11	1	4	6	11	1	7	3
12	1	6	0	12	1	9	0
13	1	7	6	13	1	10	9
14	1	9	0	14	2	0	6
15	1	10	6	15	2	2	3
16	2	0	0	16	2	4	0
17	2	1	6	17	2	5	9
18	2	3	0	18	2	7	6
19	2	4	6	19	2	9	3
20	2	6	0	20	2	11	0
21	2	7	6	21	3	0	9
22	2	9	0	22	3	2	6
23	2	10	6	23	3	4	3
24	3	0	0	24	3	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	1	6	1	0	0	1	9
2	0	0	3	0	2	0	0	3	6
3	0	0	4	6	3	0	0	5	3
4	0	0	6	0	4	0	0	7	0
5	0	0	7	6	5	0	0	8	9
6	0	0	9	0	6	0	0	10	6
7	0	0	10	6	7	0	1	0	3
8	0	1	0	0	8	0	1	2	0
9	0	1	1	6	9	0	1	3	9
10	0	1	3	0	10	0	1	5	6
11	0	1	4	6	11	0	1	7	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	0	4	6	¼	0	0	5	3
½	0	0	9	0	½	0	0	10	6
¾	0	1	1	6	¾	0	1	3	9

Feet long.	2 In broad.		
	Ft.	In.	Pa.
1	0	2	0
2	0	4	0
3	0	6	0
4	0	8	0
5	0	10	0
6	1	0	0
7	1	2	0
8	1	4	0
9	1	6	0
10	1	8	0
11	1	10	0
12	2	0	0
13	2	2	0
14	2	4	0
15	2	6	0
16	2	8	0
17	2	10	0
18	3	0	0
19	3	2	0
20	3	4	0
21	3	6	0
22	3	8	0
23	3	10	0
24	4	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	2	0
2	0	0	4	0
3	0	0	6	0
4	0	0	8	0
5	0	0	10	0
6	0	1	0	0
7	0	1	2	0
8	0	1	4	0
9	0	1	6	0
10	0	1	8	0
11	0	1	10	0

Qrs. In. long.	In.	Pa.	S.	T.
¼	0	0	6	0
½	0	1	0	0
¾	0	1	6	0

Feet long.	2 ¼ broad.		
	Ft.	In.	Pa.
1	0	2	3
2	0	4	6
3	0	6	9
4	0	9	0
5	0	11	3
6	1	1	6
7	1	3	9
8	1	6	0
9	1	8	3
10	1	10	6
11	2	0	9
12	2	3	0
13	2	5	3
14	2	7	6
15	2	9	9
16	3	0	0
17	3	2	3
18	3	4	6
19	3	6	9
20	3	9	0
21	3	11	3
22	4	1	6
23	4	3	9
24	4	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	2	3
2	0	0	4	6
3	0	0	6	9
4	0	0	9	0
5	0	0	11	3
6	0	1	1	6
7	0	1	3	9
8	0	1	6	0
9	0	1	8	3
10	0	2	10	6
11	0	3	0	9

Qrs. In. long.	In.	Pa.	S.	T.
¼	0	0	6	9
½	0	1	1	6
¾	0	1	8	3

Feet long.	2 ½ broad.		
	Ft.	In.	Pa.
1	0	2	6
2	0	5	0
3	0	7	6
4	0	10	0
5	1	0	6
6	1	3	0
7	1	5	6
8	1	8	0
9	1	10	6
10	2	1	0
11	2	3	6
12	2	6	0
13	2	8	6
14	2	11	0
15	3	1	6
16	3	4	0
17	3	6	6
18	3	9	0
19	3	11	6
20	4	2	0
21	4	4	6
22	4	7	0
23	4	9	6
24	5	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	2	6
2	0	0	5	0
3	0	0	7	6
4	0	0	10	0
5	0	1	0	6
6	0	1	3	0
7	0	1	5	6
8	0	1	8	0
9	0	1	10	6
10	0	2	1	0
11	0	2	3	6

Qrs. In. long.	In.	Pa.	S.	T.
¼	0	0	7	6
½	0	1	3	0
¾	0	1	10	6

Feet long.	2 ¾ broad.		
	Ft.	In.	Pa.
1	0	2	9
2	0	5	6
3	0	8	3
4	0	11	0
5	1	1	9
6	1	4	6
7	1	7	3
8	1	10	0
9	2	0	9
10	2	3	6
11	2	6	3
12	2	9	0
13	2	11	9
14	3	2	6
15	3	5	3
16	3	8	0
17	3	10	9
18	4	1	6
19	4	4	3
20	4	7	0
21	4	9	9
22	5	0	6
23	5	3	3
24	5	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	2	9
2	0	0	5	6
3	0	0	8	3
4	0	0	11	0
5	0	1	1	9
6	0	1	4	6
7	0	1	7	3
8	0	1	10	0
9	0	2	0	9
10	0	2	3	6
11	0	2	6	3

Qrs. In. long.	In.	Pa.	S.	T.
¼	0	0	8	3
½	0	1	4	6
¾	0	2	0	9

Feet long.	3 In. broad.			*Feet long.*	3 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	0	3	0	1	0	3	3
2	0	6	0	2	0	6	6
3	0	9	0	3	0	9	9
4	1	0	0	4	1	1	0
5	1	3	0	5	1	4	3
6	1	6	0	6	1	7	6
7	1	9	0	7	1	10	9
8	2	0	0	8	2	2	0
9	2	3	0	9	2	5	3
10	2	6	0	10	2	8	6
11	2	9	0	11	2	11	9
12	3	0	0	12	3	3	0
13	3	3	0	13	3	6	3
14	3	6	0	14	3	9	6
15	3	9	0	15	4	0	9
16	4	0	0	16	4	4	0
17	4	3	0	17	4	7	3
18	4	6	0	18	4	10	6
19	4	9	0	19	5	1	9
20	5	0	0	20	5	5	0
21	5	3	0	21	5	8	3
22	5	6	0	22	5	11	6
23	5	9	0	23	6	2	9
24	6	0	0	24	6	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	3	0	1	0	0	3	3
2	0	0	6	0	2	0	0	6	6
3	0	0	9	0	3	0	0	9	9
4	0	1	0	0	4	0	1	1	0
5	0	1	3	0	5	0	1	4	3
6	0	1	6	0	6	0	1	7	6
7	0	1	9	0	7	0	1	10	9
8	0	2	0	0	8	0	2	2	0
9	0	2	3	0	9	0	2	5	3
10	0	2	6	0	10	0	2	8	6
11	0	2	9	0	11	0	2	11	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	0	9	0	¼	0	0	9	9
½	0	1	6	0	½	0	1	7	6
¾	0	2	3	0	¾	0	2	5	3

Ft. long.	3 ½ broad.			*Ft. long.*	3 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	3	6	1	0	3	9
2	0	7	0	2	0	7	6
3	0	10	6	3	0	11	3
4	1	2	0	4	1	3	0
5	1	5	6	5	1	6	9
6	1	9	0	6	1	10	6
7	2	0	6	7	2	2	3
8	2	4	0	8	2	6	0
9	2	7	6	9	2	9	9
10	2	11	0	10	3	1	6
11	3	2	6	11	3	5	3
12	3	6	0	12	3	9	0
13	3	9	6	13	4	0	9
14	4	1	0	14	4	4	6
15	4	4	6	15	4	8	3
16	4	8	0	16	5	0	0
17	4	11	6	17	5	3	9
18	5	3	0	18	5	7	6
19	5	6	6	19	5	11	3
20	5	10	0	20	6	3	0
21	6	1	6	21	6	6	9
22	6	5	0	22	6	10	6
23	6	8	6	23	7	2	3
24	7	0	0	24	7	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	3	6	1	0	0	3	9
2	0	0	7	0	2	0	0	7	6
3	0	0	10	6	3	0	0	11	3
4	0	1	2	0	4	0	1	3	0
5	0	1	5	6	5	0	1	6	9
6	0	1	9	0	6	0	1	10	6
7	0	2	0	6	7	0	2	2	3
8	0	2	4	0	8	0	2	6	0
9	0	2	7	6	9	0	2	9	9
10	0	2	11	0	10	0	3	1	6
11	0	3	2	6	11	0	3	5	3

Qrs. In long.	In.	Pa.	S.	T.	*Qrs. In. long.*	Ft.	In.	S.	T.
¼	0	0	10	6	¼	0	0	11	3
½	0	1	9	0	½	0	1	10	6
¾	0	2	7	6	¾	0	2	9	9

Feet long.	4 Inch broad.			*Feet long.*	4 ½ broad		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	0	4	0	1	0	4	3
2	0	8	0	2	0	3	6
3	1	0	0	3	1	0	9
4	1	4	0	4	1	5	0
5	1	8	0	5	1	9	3
6	2	0	0	6	2	1	6
7	2	4	0	7	2	5	9
8	2	8	0	8	2	10	0
9	3	0	0	9	3	2	3
10	3	4	0	10	3	6	6
11	3	8	0	11	3	10	9
12	4	0	0	12	4	3	0
13	4	4	0	13	4	7	3
14	4	8	0	14	4	11	6
15	5	0	0	15	5	3	9
16	5	4	0	16	5	8	0
17	5	8	0	17	6	0	3
18	6	0	0	18	6	4	6
19	6	4	0	19	6	8	9
20	6	8	0	20	7	1	0
21	7	0	0	21	7	5	3
22	7	4	0	22	7	9	6
23	7	8	0	23	8	1	9
24	8	0	0	24	8	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	4	0	1	0	0	4	3
2	0	0	8	0	2	0	0	8	6
3	0	1	0	0	3	0	1	0	9
4	0	1	4	0	4	0	1	5	0
5	0	1	8	0	5	0	1	9	3
6	0	2	0	0	6	0	2	1	6
7	0	2	4	0	7	0	2	5	9
8	0	2	8	0	8	0	2	10	0
9	0	3	0	0	9	0	3	2	3
10	0	3	4	0	10	0	3	6	6
11	0	3	8	0	11	0	3	10	9

Qrs. In. long	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	1	0	0	¼	0	1	0	9
½	0	2	0	0	½	0	2	1	6
¾	0	3	0	0	¾	0	3	2	3

Feet long.	4 ½ broad.			*Feet long.*	4 ¾ broad		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	6	1	0	4	9
2	0	9	0	2	0	9	6
3	1	1	6	3	1	2	3
4	1	6	0	4	1	7	0
5	1	10	6	5	1	11	9
6	2	3	0	6	2	4	6
7	2	7	6	7	2	9	3
8	3	0	0	8	3	2	0
9	3	4	6	9	3	6	9
10	3	9	0	10	3	11	6
11	4	1	6	11	4	4	3
12	4	6	0	12	4	9	0
13	4	10	6	13	5	1	9
14	5	3	0	14	5	6	6
15	5	7	6	15	5	11	3
16	6	0	0	16	6	4	0
17	6	4	6	17	6	8	9
18	6	9	0	18	7	1	6
19	7	1	6	19	7	6	3
20	7	6	0	20	7	11	0
21	7	10	6	21	8	3	9
22	8	3	0	22	8	8	6
23	8	7	6	23	9	1	3
24	9	0	0	24	9	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	4	6	1	0	0	4	9
2	0	0	9	0	2	0	0	9	6
3	0	1	1	6	3	0	1	2	3
4	0	1	6	0	4	0	1	7	0
5	0	1	10	6	5	0	1	11	9
6	0	2	3	0	6	0	2	4	6
7	0	2	7	6	7	0	2	9	3
8	0	3	0	0	8	0	3	2	0
9	0	3	4	6	9	0	3	6	9
10	0	3	9	0	10	0	3	11	6
11	0	4	1	6	11	0	4	4	3

Qrs In. long.	In.	Pa.	S.	T.	*Qrs. In long.*	In.	Pa.	S.	T.
¼	0	1	1	6	¼	0	1	2	3
½	0	2	3	0	½	0	2	4	6
¾	0	3	4	6	¾	0	3	6	9

Feet long.	5 In. broad.			*Feet long.*	5 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	0	5	0	1	0	5	3
2	0	10	0	2	0	10	6
3	1	3	0	3	1	3	9
4	1	8	0	4	1	9	0
5	2	1	0	5	2	2	3
6	2	6	0	6	2	7	6
7	2	11	0	7	3	0	9
8	3	4	0	8	3	6	0
9	3	9	0	9	3	11	3
10	4	2	0	10	4	4	6
11	4	7	0	11	4	9	9
12	5	0	0	12	5	3	0
13	5	5	0	13	5	8	3
14	5	10	0	14	6	1	6
15	6	3	0	15	6	6	9
16	6	8	0	16	7	0	0
17	7	1	0	17	7	5	3
18	7	6	0	18	7	10	6
19	7	11	0	19	8	3	9
20	8	4	0	20	8	9	0
21	8	9	0	21	9	2	3
22	9	2	0	22	9	7	6
23	9	7	0	23	10	0	9
24	10	0	0	24	10	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	5	0	1	0	0	5	3
2	0	0	10	0	2	0	0	10	6
3	0	1	3	0	3	0	1	3	9
4	0	1	8	0	4	0	1	9	0
5	0	2	1	0	5	0	2	2	3
6	0	2	6	0	6	0	2	7	6
7	0	2	11	0	7	0	3	0	9
8	0	3	4	0	8	0	3	6	0
9	0	3	9	0	9	0	3	11	3
10	0	4	2	0	10	0	4	9	6
11	0	4	7	0	11	0	4	4	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	1	3	0	¼	0	1	3	9
½	0	2	6	0	½	0	2	7	6
¾	0	3	9	0	¾	0	3	11	3

Feet long.	5 ½ broad.			Feet long.	5 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	5	6	1	0	5	9
2	0	11	0	2	0	11	6
3	1	4	6	3	1	5	3
4	1	10	0	4	1	11	0
5	2	3	6	5	2	4	9
6	2	9	0	6	2	10	6
7	3	2	6	7	3	4	3
8	3	8	0	8	3	10	0
9	4	1	6	9	4	3	9
10	4	7	0	10	4	9	6
11	5	0	6	11	5	3	3
12	5	6	0	12	5	9	0
13	5	11	6	13	6	2	9
14	6	5	0	14	6	8	6
15	6	10	6	15	7	2	3
16	7	4	0	16	7	8	0
17	7	9	6	17	8	1	9
18	8	3	0	18	8	7	6
19	8	8	6	19	9	1	3
20	9	2	0	20	9	7	0
21	9	7	6	21	10	0	9
22	10	1	0	22	10	6	6
23	10	6	6	23	11	2	3
24	11	0	0	24	11	8	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	5	6	1	0	0	5	9
2	0	0	11	0	2	0	0	11	6
3	0	1	4	6	3	0	1	5	3
4	0	1	10	0	4	0	1	11	0
5	0	2	3	6	5	0	2	4	9
6	0	2	9	0	6	0	2	10	6
7	0	3	2	6	7	0	3	4	3
8	0	3	8	0	8	0	3	10	0
9	0	4	1	6	9	0	4	3	9
10	0	4	7	0	10	0	4	9	6
11	0	5	0	6	11	0	5	3	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	1	4	6	¼	0	1	5	3
½	0	2	9	0	½	0	2	10	6
¾	0	4	1	6	¾	0	4	3	9

Feet long.	6 Inch broad.			*Feet long.*	6 ½ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	0	6	0	1	0	6	3
2	1	0	0	2	1	0	6
3	1	6	0	3	1	6	9
4	2	0	0	4	2	1	0
5	2	6	0	5	2	7	3
6	3	0	0	6	3	1	6
7	3	6	0	7	3	7	9
8	4	0	0	8	4	2	0
9	4	6	0	9	4	8	3
10	5	0	0	10	5	2	6
11	5	6	0	11	5	8	9
12	6	0	0	12	6	3	0
13	6	6	0	13	6	9	3
14	7	0	0	14	7	3	6
15	7	6	0	15	7	9	9
16	8	0	0	16	8	4	0
17	8	6	0	17	8	10	3
18	9	0	0	18	9	4	6
19	9	6	0	19	9	10	9
20	10	0	0	20	10	5	0
21	10	6	0	21	10	11	3
22	11	0	0	22	11	5	6
23	11	6	0	23	11	11	9
24	12	0	0	24	12	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	6	0	1	0	0	6	3
2	0	1	0	0	2	0	1	0	6
3	0	1	6	0	3	0	1	6	9
4	0	2	0	0	4	0	2	1	0
5	0	2	6	0	5	0	2	7	3
6	0	3	0	0	6	0	3	1	6
7	0	3	6	0	7	0	3	7	9
8	0	4	0	0	8	0	4	2	0
9	0	4	6	0	9	0	4	8	3
10	0	5	0	0	10	0	5	2	6
11	0	5	6	0	11	0	5	8	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	1	6	0	¼	0	1	6	9
½	0	3	0	0	½	0	3	1	6
¾	0	4	6	0	¾	0	4	8	3

Feet long.	6 ½ broad.			*Feet long.*	6 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	6	1	0	6	9
2	1	1	0	2	1	1	6
3	1	7	6	3	1	8	3
4	2	2	0	4	2	3	0
5	2	8	6	5	2	9	9
6	3	3	0	6	3	4	6
7	3	9	6	7	3	11	3
8	4	4	0	8	4	6	0
9	4	10	6	9	5	0	9
10	5	5	0	10	5	7	6
11	5	11	6	11	6	2	3
12	6	6	0	12	6	9	0
13	7	0	6	13	7	3	9
14	7	7	0	14	7	10	6
15	8	1	6	15	8	5	3
16	8	8	0	16	9	0	0
17	9	2	6	17	9	6	9
18	9	9	0	18	10	1	6
19	10	3	6	19	10	8	3
20	10	10	0	20	11	3	0
21	11	4	6	21	11	9	9
22	11	11	0	22	12	4	6
23	12	5	6	23	12	11	3
24	13	0	0	24	13	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	6	6	1	0	0	6	9
2	0	1	1	0	2	0	1	1	6
3	0	1	7	6	3	0	1	8	3
4	0	2	2	0	4	0	2	3	0
5	0	2	8	6	5	0	2	9	9
6	0	3	3	0	6	0	3	4	6
7	0	3	9	6	7	0	3	11	3
8	0	4	4	0	8	0	4	6	0
9	0	4	10	6	9	0	5	0	9
10	0	5	5	0	10	0	5	7	6
11	0	5	11	6	11	0	6	2	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	1	7	6	¼	0	1	8	3
½	0	3	3	0	½	0	3	4	6
¾	0	4	10	6	¾	0	5	0	9

Eeet long.	7 Inch broad. Ft.	In.	Pa	Feet long.	7 ¼ broad. Ft.	In.	Pa.
1	0	7	0	1	0	7	3
2	1	2	0	2	1	2	6
3	1	9	0	3	1	9	9
4	2	4	0	4	2	5	0
5	2	11	0	5	3	0	3
6	3	6	0	6	3	7	6
7	4	1	0	7	4	2	9
8	4	8	0	8	4	10	0
9	5	3	0	9	5	5	3
10	5	10	0	10	6	0	6
11	6	5	0	11	6	7	9
12	7	0	0	12	7	3	0
13	7	7	0	13	7	10	3
14	8	2	0	14	8	5	6
15	8	9	0	15	9	0	9
16	9	4	0	16	9	8	0
17	9	11	0	17	10	3	3
18	10	6	0	18	10	10	6
19	11	1	0	19	11	5	9
20	11	8	0	20	12	1	0
21	12	3	0	21	12	8	3
22	12	10	0	22	13	3	6
23	13	5	0	23	13	10	9
24	14	0	0	24	14	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	7	0	1	0	0	7	3
2	0	1	2	0	2	0	1	2	6
3	0	1	9	0	3	0	1	9	9
4	0	2	4	0	4	0	2	5	0
5	0	2	11	0	5	0	3	0	3
6	0	3	6	0	6	0	3	7	6
7	0	4	1	0	7	0	4	2	9
8	0	4	8	0	8	0	4	10	0
9	0	5	3	0	9	0	5	5	3
10	0	5	10	0	10	0	6	0	6
11	0	6	5	0	11	0	6	7	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In long.	In.	Pa.	S.	T.
¼	0	1	9	0	¼	0	1	9	9
½	0	3	6	0	½	0	3	7	6
¾	0	5	3	0	¾	0	5	5	3

Ft. long.	$7\frac{1}{2}$ broad.			*Ft. long.*	$7\frac{3}{4}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	7	6	1	0	7	9
2	1	3	0	2	1	3	6
3	1	10	6	3	1	11	3
4	2	6	0	4	2	7	0
5	3	1	6	5	3	2	9
6	3	9	0	6	3	10	6
7	4	4	6	7	4	6	3
8	5	0	0	8	5	2	0
9	5	7	6	9	5	9	9
10	6	3	0	10	6	5	6
11	6	10	6	11	7	1	3
12	7	6	0	12	7	9	0
13	8	1	6	13	8	4	9
14	8	9	0	14	9	0	6
15	9	4	6	15	9	8	3
16	10	0	0	16	10	4	0
17	10	7	6	17	10	11	9
18	11	3	0	18	11	7	6
19	11	10	6	19	12	3	3
20	12	6	0	20	12	11	0
21	13	1	6	21	13	6	9
22	13	9	0	22	14	2	6
23	14	4	6	23	14	10	3
24	15	0	0	24	15	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	7	6	1	0	0	7	9
2	0	1	3	0	2	0	1	3	6
3	0	1	10	6	3	0	1	11	3
4	0	2	6	0	4	0	2	7	0
5	0	3	1	6	5	0	3	2	9
6	0	3	9	0	6	0	3	10	6
7	0	4	4	6	7	0	4	6	3
8	0	5	0	0	8	0	5	2	0
9	0	5	7	6	9	0	5	9	9
10	0	6	3	0	10	0	6	5	6
11	0	6	10	6	11	0	7	1	3

Qrs. In long.	In.	Pa.	S.	T.	*Qrs. In. long.*	Ft.	In.	S.	T.
$\frac{1}{4}$	0	1	10	6	$\frac{1}{4}$	0	1	11	3
$\frac{1}{2}$	0	3	9	0	$\frac{1}{2}$	0	3	10	6
$\frac{3}{4}$	0	5	7	6	$\frac{3}{4}$	0	5	9	9

Feet long.	8 Inch broad.			*Feet long.*	8 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	8	0	1	0	8	3
2	1	4	0	2	1	4	6
3	2	0	0	3	2	0	9
4	2	8	0	4	2	9	0
5	3	4	0	5	3	5	3
6	4	0	0	6	4	1	6
7	4	8	0	7	4	9	9
8	5	4	0	8	5	6	0
9	6	0	0	9	6	2	3
10	6	8	0	10	6	10	6
11	7	4	0	11	7	6	9
12	8	0	0	12	8	3	0
13	8	8	0	13	8	11	3
14	9	4	0	14	9	7	6
15	10	0	0	15	10	3	9
16	10	8	0	16	11	0	0
17	11	4	0	17	11	8	3
18	12	0	0	18	12	4	6
19	12	8	0	19	13	0	9
20	13	4	0	20	13	9	0
21	14	0	0	21	14	5	3
22	14	8	0	22	15	1	6
23	15	4	0	23	15	9	9
24	16	0	0	24	16	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	8	0	1	0	0	8	3
2	0	1	4	0	2	0	1	4	6
3	0	2	0	0	3	0	2	0	9
4	0	2	8	0	4	0	2	9	0
5	0	3	4	0	5	0	3	5	3
6	0	4	0	0	6	0	4	1	6
7	0	4	8	0	7	0	4	9	9
8	0	5	4	0	8	0	5	6	0
9	0	6	0	0	9	0	6	2	3
10	0	6	8	0	10	0	6	10	6
11	0	7	4	0	11	0	7	6	9

Qrs. In. long	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	2	0	0	¼	0	2	0	9
½	0	4	0	0	½	0	4	1	6
¾	0	6	0	0	¾	0	6	2	3

Feet long.	8 ½ broad.			Feet long.	8 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	8	6	1	0	8	9
2	1	5	0	2	1	5	6
3	2	1	6	3	2	2	3
4	2	10	0	4	2	11	0
5	3	6	6	5	3	7	9
6	4	3	0	6	4	4	6
7	4	11	6	7	5	1	3
8	5	8	0	8	5	10	0
9	6	4	6	9	6	6	9
10	7	1	0	10	7	3	6
11	7	9	6	11	8	0	3
12	8	6	0	12	8	9	0
13	9	2	6	13	9	5	9
14	9	11	0	14	10	2	6
15	10	7	6	15	10	11	3
16	11	4	0	16	11	8	0
17	12	0	6	17	12	4	9
18	12	9	0	18	13	1	6
19	13	5	6	19	13	10	3
20	14	2	0	20	14	7	0
21	14	10	6	21	15	3	9
22	15	7	0	22	16	0	6
23	16	3	6	23	16	9	3
24	17	0	0	24	17	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	8	6	1	0	0	8	9
2	0	1	5	0	2	0	1	5	6
3	0	2	1	6	3	0	2	2	3
4	0	2	10	0	4	0	2	11	0
5	0	3	6	6	5	0	3	7	9
6	0	4	3	0	6	0	4	4	6
7	0	4	11	6	7	0	5	1	3
8	0	5	8	0	8	0	5	10	0
9	0	6	4	6	9	0	6	6	9
10	0	7	1	0	10	0	7	3	6
11	0	7	9	6	11	0	8	0	3

Qrs In. long.	In.	Pa.	S.	T.	Qrs. In long.	In.	Pa.	S.	T.
¼	0	2	1	6	¼	0	2	2	3
½	0	4	3	0	½	0	4	4	6
¾	0	6	2	6	¾	0	6	6	9

Feet long.	9 In. broad.			*Feet long.*	9 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	0	9	0	1	0	9	3
2	1	6	0	2	1	6	6
3	2	3	0	3	2	3	9
4	3	0	0	4	3	1	0
5	3	9	0	5	3	10	3
6	4	6	0	6	4	7	6
7	5	3	0	7	5	4	9
8	6	0	0	8	6	2	0
9	6	9	0	9	6	11	3
10	7	6	0	10	7	8	6
11	8	3	0	11	8	5	9
12	9	0	0	12	9	3	0
13	9	9	0	13	10	0	3
14	10	6	0	14	10	9	6
15	11	3	0	15	11	6	9
16	12	0	0	16	12	4	0
17	12	9	0	17	13	1	3
18	13	6	0	18	13	10	6
19	14	3	0	19	14	7	9
20	15	0	0	20	15	5	0
21	15	9	0	21	16	2	3
22	16	6	0	22	16	11	6
23	17	3	0	23	17	8	9
24	18	0	0	24	18	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	9	0	1	0	0	9	3
2	0	1	6	0	2	0	1	6	6
3	0	2	3	0	3	0	2	3	9
4	0	3	0	0	4	0	3	1	0
5	0	3	9	0	5	0	3	10	3
6	0	4	6	0	6	0	4	7	6
7	0	5	3	0	7	0	5	4	9
8	0	6	0	0	8	0	6	2	0
9	0	6	9	0	9	0	6	11	3
10	0	7	6	0	10	0	7	8	6
11	0	8	3	0	11	0	8	5	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	2	3	0	¼	0	2	3	9
½	0	4	6	0	½	0	4	7	6
¾	0	6	9	0	¾	0	6	11	3

Feet long.	$9\frac{1}{2}$ broad.			*Feet long.*	$9.\frac{3}{4}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	6	1	0	9	9
2	1	7	0	2	1	7	6
3	2	4	6	3	2	5	3
4	3	2	0	4	3	3	0
5	3	11	6	5	4	0	9
6	4	9	0	6	4	10	6
7	5	6	6	7	5	8	3
8	6	4	0	8	6	6	0
9	7	1	6	9	7	3	9
10	7	11	0	10	8	1	6
11	8	8	6	11	8	11	3
12	9	6	0	12	9	9	0
13	10	3	6	13	10	6	9
14	11	1	0	14	11	4	6
15	11	10	6	15	12	2	3
16	12	8	0	16	13	0	0
17	13	5	6	17	13	9	9
18	14	3	0	18	14	7	6
19	15	0	6	19	15	5	3
20	15	10	0	20	16	3	0
21	16	7	6	21	17	0	9
22	17	5	0	22	17	10	6
23	18	2	6	23	18	8	3
24	19	0	0	24	19	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	9	6	1	0	0	9	9
2	0	1	7	0	2	0	1	7	6
3	0	2	4	6	3	0	2	5	3
4	0	3	2	0	4	0	3	3	0
5	0	3	11	6	5	0	4	0	9
6	0	4	9	0	6	0	4	10	6
7	0	5	6	6	7	0	5	8	3
8	0	6	4	0	8	0	6	6	0
9	0	7	1	6	9	0	7	3	9
10	0	7	11	0	10	0	8	1	6
11	0	8	8	6	11	0	8	11	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
$\frac{1}{4}$	0	2	4	6	$\frac{1}{4}$	0	2	5	3
$\frac{1}{2}$	0	4	9	0	$\frac{1}{2}$	0	4	10	6
$\frac{3}{4}$	0	7	1	6	$\frac{3}{4}$	0	7	3	9

Feet long.	10 In broad.			*Feet long.*	10 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	0	10	0	1	0	10	3
2	1	8	0	2	1	8	6
3	2	6	0	3	2	6	9
4	3	4	0	4	3	5	0
5	4	2	0	5	4	3	3
6	5	0	0	6	5	1	6
7	5	10	0	7	5	11	9
8	6	8	0	8	6	10	0
9	7	6	0	9	7	8	3
10	8	4	0	10	8	6	6
11	9	2	0	11	9	4	9
12	10	0	0	12	10	3	0
13	10	10	0	13	11	1	3
14	11	8	0	14	11	11	6
15	12	6	0	15	12	9	9
16	13	4	0	16	13	8	0
17	14	2	0	17	14	6	3
18	15	0	0	18	15	4	6
19	15	10	0	19	16	2	9
20	16	8	0	20	17	1	0
21	17	6	0	21	17	11	3
22	18	4	0	22	18	9	6
23	19	2	0	23	19	7	9
24	20	0	0	24	20	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	10	0	1	0	0	10	3
2	0	1	8	0	2	0	1	8	6
3	0	2	6	0	3	0	2	6	9
4	0	3	4	0	4	0	3	5	0
5	0	4	2	0	5	0	4	3	3
6	0	5	0	0	6	0	5	1	6
7	0	5	10	0	7	0	5	11	9
8	0	6	8	0	8	0	6	10	0
9	0	7	6	0	9	0	7	8	3
10	0	8	4	0	10	0	8	6	6
11	0	9	2	0	11	0	9	4	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	2	6	0	¼	0	2	6	9
½	0	5	0	0	½	0	5	1	6
¾	0	7	6	0	¾	0	7	8	3

Feet long.	10 ½ broad.			*Feet long.*	10 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	6	1	0	10	9
2	1	9	0	2	1	9	6
3	2	7	6	3	2	8	3
4	3	6	0	4	3	7	0
5	4	4	6	5	4	5	9
6	5	3	0	6	5	4	6
7	6	1	6	7	6	3	3
8	7	0	0	8	7	2	0
9	7	10	6	9	8	0	9
10	8	9	0	10	8	11	6
11	9	7	6	11	9	10	3
12	10	6	0	12	10	9	0
13	11	4	6	13	11	7	9
14	12	3	0	14	12	6	6
15	13	1	6	15	13	5	3
16	14	0	0	16	14	4	0
17	14	10	6	17	15	2	9
18	15	9	0	18	16	1	6
19	16	7	6	19	17	0	3
20	17	6	0	20	17	11	0
21	18	4	6	21	18	9	9
22	19	3	0	22	19	8	6
23	20	1	6	23	20	7	3
24	21	0	0	24	21	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	10	6	1	0	0	10	9
2	0	1	9	0	2	0	1	9	6
3	0	2	7	6	3	0	2	8	3
4	0	3	6	0	4	0	3	7	0
5	0	4	4	6	5	0	4	5	9
6	0	5	3	0	6	0	5	4	6
7	0	6	1	6	7	0	6	3	3
8	0	7	0	0	8	0	7	2	0
9	0	7	10	6	9	0	8	0	9
10	0	8	9	0	10	0	8	11	6
11	0	9	7	6	11	0	9	10	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	2	7	6	¼	0	2	8	3
½	0	5	3	0	½	0	5	4	6
¾	0	7	10	6	¾	0	8	0	9

Feet long.	11 In. broad.			*Feet long.*	11 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	0	1	0	11	3
2	1	10	0	2	1	10	6
3	2	9	0	3	2	9	9
4	3	8	0	4	3	9	0
5	4	7	0	5	4	8	3
6	5	6	0	6	5	7	6
7	6	5	0	7	6	6	9
8	7	4	0	8	7	6	0
9	8	3	0	9	8	5	3
10	9	2	0	10	9	4	6
11	10	1	0	11	10	3	9
12	11	0	0	12	11	3	0
13	11	11	0	13	12	2	3
14	12	10	0	14	13	1	6
15	13	9	0	15	14	0	9
16	14	8	0	16	15	0	0
17	15	7	0	17	15	11	3
18	16	6	0	18	16	10	6
19	17	5	0	19	17	9	9
20	18	4	0	20	18	9	0
21	19	3	0	21	19	8	3
22	20	2	0	22	20	7	6
23	21	1	0	23	21	6	9
24	22	0	0	24	22	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	11	0	1	0	0	11	3
2	0	1	10	0	2	0	1	10	6
3	0	2	9	0	3	0	2	9	9
4	0	3	8	0	4	0	3	9	0
5	0	4	7	0	5	0	4	8	3
6	0	5	6	0	6	0	5	7	6
7	0	6	5	0	7	0	6	6	9
8	0	7	4	0	8	0	7	6	0
9	0	8	3	0	9	0	8	5	3
10	0	9	2	0	10	0	9	4	6
11	0	10	1	0	11	0	10	3	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	2	9	0	¼	0	2	9	9
½	0	5	6	0	½	0	5	7	6
¾	0	8	3	0	¾	0	8	5	3

Ft. long.	11 ½ broad.			*Ft. long.*	11 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	6	1	0	11	9
2	1	11	0	2	1	11	6
3	2	10	6	3	2	11	3
4	3	10	0	4	3	11	0
5	4	9	6	5	4	10	9
6	5	9	0	6	5	10	6
7	6	8	6	7	6	10	3
8	7	8	0	8	7	10	0
9	8	7	6	9	8	9	9
10	9	7	0	10	9	9	6
11	10	6	6	11	10	9	3
12	11	6	0	12	11	9	0
13	12	5	6	13	12	8	9
14	13	5	0	14	13	8	6
15	14	4	6	15	14	8	3
16	15	4	0	16	15	8	0
17	16	3	6	17	16	7	9
18	17	3	0	18	17	7	6
19	18	2	6	19	18	7	3
20	19	2	0	20	19	7	0
21	20	1	6	21	20	6	9
22	21	1	0	22	21	6	6
23	22	0	6	23	22	6	3
24	23	0	0	24	23	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	0	11	6	1	0	0	11	9
2	0	1	11	0	2	0	1	11	6
3	0	2	10	6	3	0	2	11	3
4	0	3	10	0	4	0	3	11	0
5	0	4	9	6	5	0	4	10	9
6	0	5	9	0	6	0	5	10	6
7	0	6	8	6	7	0	6	10	3
8	0	7	8	0	8	0	7	10	0
9	0	8	7	6	9	0	8	9	9
10	0	9	7	0	10	0	9	9	6
11	0	10	6	6	11	0	10	9	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	2	10	6	¼	0	2	11	3
½	0	5	9	0	½	0	5	10	6
¾	0	8	7	6	¾	0	8	9	9

Feet long.	12 In. broad.			*Feet long.*	12 $\frac{1}{4}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	0	1	1	0	3
2	2	0	0	2	2	0	6
3	3	0	0	3	3	0	9
4	4	0	0	4	4	1	0
5	5	0	0	5	5	1	3
6	6	0	0	6	6	1	6
7	7	0	0	7	7	1	9
8	8	0	0	8	8	2	0
9	9	0	0	9	9	2	3
10	10	0	0	10	10	2	6
11	11	0	0	11	11	2	9
12	12	0	0	12	12	3	0
13	13	0	0	13	13	3	3
14	14	0	0	14	14	3	6
15	15	0	0	15	15	3	9
16	16	0	0	16	16	4	0
17	17	0	0	17	17	4	3
18	18	0	0	18	18	4	6
19	19	0	0	19	19	4	9
20	20	0	0	20	20	5	0
21	21	0	0	21	21	5	3
22	22	0	0	22	22	5	6
23	23	0	0	23	23	5	9
24	24	0	0	24	24	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	0	0	1	0	1	0	3
2	0	2	0	0	2	0	2	0	6
3	0	3	0	0	3	0	3	0	9
4	0	4	0	0	4	0	4	1	0
5	0	5	0	0	5	0	5	1	3
6	0	6	0	0	6	0	6	1	6
7	0	7	0	0	7	0	7	1	9
8	0	8	0	0	8	0	8	2	0
9	0	9	0	0	9	0	9	2	3
10	0	10	0	0	10	0	10	2	6
11	0	11	0	0	11	0	11	2	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
$\frac{1}{4}$	0	3	0	0	$\frac{1}{4}$	0	3	0	9
$\frac{1}{2}$	0	6	0	0	$\frac{1}{2}$	0	6	1	6
$\frac{3}{4}$	0	9	0	0	$\frac{3}{4}$	0	9	2	3

Feet long.	12 ½ broad.			*Feet long.*	12 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	6	1	1	0	9
2	2	1	0	2	2	1	6
3	3	1	6	3	3	2	3
4	4	2	0	4	4	3	0
5	5	2	6	5	5	3	9
6	6	3	0	6	6	4	6
7	7	3	6	7	7	5	3
8	8	4	0	8	8	6	0
9	9	4	6	9	9	6	9
10	10	5	0	10	10	7	6
11	11	5	6	11	11	8	3
12	12	6	0	12	12	9	0
13	13	6	6	13	13	9	9
14	14	7	0	14	14	10	6
15	15	7	6	15	15	11	3
16	16	8	0	16	17	0	0
17	17	8	6	17	18	0	9
18	18	9	0	18	19	1	6
19	19	9	6	19	20	2	3
20	20	10	0	20	21	3	0
21	21	10	6	21	22	3	9
22	22	11	0	22	23	4	6
23	23	11	6	23	24	5	3
24	25	0	0	24	25	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	0	6	1	0	1	0	9
2	0	2	1	0	2	0	2	1	6
3	0	3	1	6	3	0	3	2	3
4	0	4	2	0	4	0	4	3	0
5	0	5	2	6	5	0	5	3	9
6	0	6	3	0	6	0	6	4	6
7	0	7	3	6	7	0	7	5	3
8	0	8	4	0	8	0	8	6	0
9	0	9	4	6	9	0	9	6	9
10	0	10	5	0	10	0	10	7	6
11	0	11	5	6	11	0	11	8	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	3	1	6	¼	0	3	2	3
½	0	6	3	0	½	0	6	4	6
¾	0	9	4	6	¾	0	9	6	9

Feet long.	13 In. broad.			*Feet long.*	13 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	1	1	0	1	1	1	3
2	2	2	0	2	2	2	6
3	3	3	0	3	3	3	9
4	4	4	0	4	4	5	0
5	5	5	0	5	5	6	3
6	6	6	0	6	6	7	6
7	7	7	0	7	7	8	9
8	8	8	0	8	8	10	0
9	9	9	0	9	9	11	3
10	10	10	0	10	11	0	6
11	11	11	0	11	12	1	9
12	13	0	0	12	13	3	0
13	14	1	0	13	14	4	3
14	15	2	0	14	15	5	6
15	16	3	0	15	16	6	9
16	17	4	0	16	17	8	0
17	18	5	0	17	18	9	3
18	19	6	0	18	19	10	6
19	20	7	0	19	20	11	9
20	21	8	0	20	22	1	0
21	22	9	0	21	23	2	3
22	23	10	0	22	24	3	6
23	24	11	0	23	25	4	9
24	26	0	0	24	26	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	1	0	1	0	1	1	3
2	0	2	2	0	2	0	2	2	6
3	0	3	3	0	3	0	3	3	9
4	0	4	4	0	4	0	4	5	0
5	0	5	5	0	5	0	5	6	3
6	0	6	6	0	6	0	6	7	6
7	0	7	7	0	7	0	7	8	9
8	0	8	8	0	8	0	8	10	0
9	0	9	9	0	9	0	9	11	3
10	0	10	10	0	10	0	11	0	6
11	0	11	11	0	11	0	0	1	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	3	3	0	¼	0	3	3	9
½	0	6	6	0	½	0	6	7	6
¾	0	9	9	0	¾	0	9	11	3

Feet long.	13 ½ broad.			*Feet long.*	13 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	1	6	1	1	1	9
2	2	3	0	2	2	3	6
3	3	4	6	3	3	5	3
4	4	6	0	4	4	7	0
5	5	7	6	5	5	8	9
6	6	9	0	6	6	10	6
7	7	10	6	7	8	0	3
8	9	0	0	8	9	2	0
9	10	1	6	9	10	3	9
10	11	3	0	10	11	5	6
11	12	4	6	11	12	7	3
12	13	6	0	12	13	9	0
13	14	7	6	13	14	10	9
14	15	9	0	14	16	0	6
15	16	10	6	15	17	2	3
16	18	0	0	16	18	4	0
17	19	1	6	17	19	5	9
18	20	3	0	18	20	7	6
19	21	4	6	19	21	9	3
20	22	6	0	20	22	11	0
21	23	7	6	21	24	0	9
22	24	9	0	22	25	2	6
23	25	10	6	23	26	4	3
24	27	0	0	24	27	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	1	6	1	0	1	1	9
2	0	2	3	0	2	0	2	3	6
3	0	3	4	6	3	0	3	5	3
4	0	4	6	0	4	0	4	7	0
5	0	5	7	6	5	0	5	8	9
6	0	6	9	0	6	0	6	10	6
7	0	7	10	6	7	0	8	0	3
8	0	9	0	0	8	0	9	2	0
9	0	10	1	6	9	0	10	3	9
10	0	11	3	0	10	0	11	5	6
11	1	0	4	6	11	1	0	7	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	3	4	6	¼	0	3	5	3
½	0	6	9	0	½	0	6	10	6
¾	0	10	1	6	¾	0	10	3	9

Feet long.	14 In. broad. Ft.	In.	Pa.	*Feet long.*	14 ¼ broad. Ft.	In.	Pa.
1	1	2	0	1	1	2	3
2	2	4	0	2	2	4	6
3	3	6	0	3	3	6	9
4	4	8	0	4	4	9	0
5	5	10	0	5	5	11	3
6	7	0	0	6	7	1	6
7	8	2	0	7	8	3	9
8	9	4	0	8	9	6	0
9	10	6	0	9	10	8	3
10	11	8	0	10	11	10	6
11	12	10	0	11	13	0	9
12	14	0	0	12	14	3	0
13	15	2	0	13	15	5	3
14	16	4	0	14	16	7	6
15	17	6	0	15	17	9	9
16	18	8	0	16	19	0	0
17	19	10	0	17	20	2	3
18	21	0	0	18	21	4	6
19	22	2	0	19	22	6	9
20	23	4	0	20	23	9	0
21	24	6	0	21	24	11	3
22	25	8	0	22	26	1	6
23	26	10	0	23	27	3	9
24	28	0	0	24	28	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	2	0	1	0	1	2	3
2	0	2	4	0	2	0	2	4	6
3	0	3	6	0	3	0	3	6	9
4	0	4	8	0	4	0	4	9	0
5	0	5	10	0	5	0	5	11	3
6	0	7	0	0	6	0	7	1	6
7	0	8	2	0	7	0	8	3	9
8	0	9	4	0	8	0	9	6	0
9	0	10	6	0	9	0	10	8	3
10	0	11	8	0	10	0	11	10	6
11	1	0	10	0	11	1	1	0	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	3	6	0	¼	0	3	6	9
½	0	7	0	0	½	0	7	1	6
¾	0	10	6	0	¾	0	10	8	3

Feet long.	14 ½ broad.			Feet long.	14 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	6	1	1	2	9
2	2	5	0	2	2	5	6
3	3	7	6	3	3	8	3
4	4	10	0	4	4	11	0
5	6	0	6	5	6	1	9
6	7	3	0	6	7	4	6
7	8	5	6	7	8	7	3
8	9	8	0	8	9	10	0
9	10	10	6	9	11	0	9
10	12	1	0	10	12	3	6
11	13	3	6	11	13	6	3
12	14	6	0	12	14	9	0
13	15	8	6	13	15	11	9
14	16	11	0	14	17	2	6
15	18	1	6	15	18	5	3
16	19	4	0	16	19	8	0
17	20	6	6	17	20	10	9
18	21	9	0	18	22	1	6
19	22	11	6	19	23	4	3
20	24	2	0	20	24	7	0
21	25	4	6	21	25	9	9
22	26	7	0	22	27	0	6
23	27	9	6	23	28	3	3
24	29	0	0	24	29	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	2	6	1	0	1	2	9
2	0	2	5	0	2	0	2	5	6
3	0	3	7	6	3	0	3	8	3
4	0	4	10	0	4	0	4	11	0
5	0	6	0	6	5	0	6	1	9
6	0	7	3	0	6	0	7	4	6
7	0	8	5	6	7	0	8	7	3
8	0	9	8	0	8	0	9	10	0
9	0	10	10	6	9	0	11	0	9
10	1	0	1	0	10	1	0	3	6
11	1	1	3	6	11	1	1	6	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	3	7	6	¼	0	3	8	3
½	0	7	3	0	½	0	7	4	6
¾	0	10	10	6	¾	0	11	0	9

Eeet long.	15 In. broad.			*Feet long.*	15 $\frac{1}{4}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	0	1	1	3	3
2	2	6	0	2	2	6	6
3	3	9	0	3	3	9	9
4	5	0	0	4	5	1	0
5	6	3	0	5	6	4	3
6	7	6	0	6	7	7	6
7	8	9	0	7	8	10	9
8	10	0	0	8	10	2	0
9	11	3	0	9	11	5	3
10	12	6	0	10	12	8	6
11	13	9	0	11	13	11	9
12	15	0	0	12	15	3	0
13	16	3	0	13	16	6	3
14	17	6	0	14	17	9	6
15	18	9	0	15	19	0	9
16	20	0	0	16	20	4	0
17	21	3	0	17	21	7	3
18	22	6	0	18	22	10	6
19	23	9	0	19	24	1	9
20	25	0	0	20	25	5	0
21	26	3	0	21	26	8	3
22	27	6	0	22	27	11	6
23	28	9	0	23	29	2	9
24	30	0	0	24	30	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	3	0	1	0	1	3	3
2	0	2	6	0	2	0	2	6	6
3	0	3	9	0	3	0	3	9	9
4	0	5	0	0	4	0	5	1	0
5	0	6	3	0	5	0	6	4	3
6	0	7	6	0	6	0	7	7	6
7	0	8	9	0	7	0	8	10	9
8	0	10	0	0	8	0	10	2	0
9	0	11	3	0	9	0	11	5	3
10	1	0	6	0	10	1	0	8	6
11	1	1	9	0	11	1	1	11	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
$\frac{1}{4}$	0	3	9	0	$\frac{1}{4}$	0	3	9	9
$\frac{1}{2}$	0	7	6	0	$\frac{1}{2}$	0	7	7	6
$\frac{3}{4}$	0	11	3	0	$\frac{3}{4}$	0	11	5	3

Ft. long.	15 ½ broad.			Ft. long.	15 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	6	1	1	3	9
2	2	7	0	2	2	7	6
3	3	10	6	3	3	11	3
4	5	2	0	4	5	3	0
5	6	5	6	5	6	6	9
6	7	9	0	6	7	10	6
7	9	0	6	7	9	2	3
8	10	4	0	8	10	6	0
9	11	7	6	9	11	9	9
10	12	11	0	10	13	1	6
11	14	2	6	11	14	5	3
12	15	6	0	12	15	9	0
13	16	9	6	13	17	0	9
14	18	1	0	14	18	4	6
15	19	4	6	15	19	8	3
16	20	8	0	16	21	0	0
17	21	11	6	17	22	3	9
18	23	3	0	18	23	7	6
19	24	6	6	19	24	11	3
20	25	10	0	20	26	3	0
21	27	1	6	21	27	6	9
22	28	5	0	22	28	10	6
23	29	8	6	23	30	2	3
24	31	0	0	24	31	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	3	6	1	0	1	3	9
2	0	2	7	0	2	0	2	7	6
3	0	3	10	6	3	0	3	11	3
4	0	5	2	0	4	0	5	3	0
5	0	6	5	6	5	0	6	6	9
6	0	7	9	0	6	0	7	10	6
7	0	9	0	6	7	0	9	2	3
8	0	10	4	0	8	0	10	6	0
9	0	11	7	6	9	0	11	9	9
10	1	0	11	0	10	1	1	1	6
11	1	2	2	6	11	1	2	5	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	3	10	6	¼	0	3	11	3
½	0	7	9	0	½	0	7	10	6
¾	0	11	7	6	¾	0	11	9	9

Feet long.	16 In. broad.			Feet long.	16 $\frac{1}{4}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	4	0	1	1	4	3
2	2	8	0	2	2	8	6
3	4	0	0	3	4	0	9
4	5	4	0	4	5	5	0
5	6	8	0	5	6	9	3
6	8	0	0	6	8	1	6
7	9	4	0	7	9	5	9
8	10	8	0	8	10	10	0
9	12	0	0	9	12	2	3
10	13	4	0	10	13	6	6
11	14	8	0	11	14	10	9
12	16	0	0	12	16	3	0
13	17	4	0	13	17	7	3
14	18	8	0	14	18	11	6
15	20	0	0	15	20	3	9
16	21	4	0	16	21	8	0
17	22	8	0	17	23	0	3
18	24	0	0	18	24	4	6
19	25	4	0	19	25	8	9
20	26	8	0	20	27	1	0
21	28	0	0	21	28	5	3
22	29	4	0	22	29	9	6
23	30	8	0	23	31	1	9
24	32	0	0	24	32	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	4	0	1	0	1	4	3
2	0	2	8	0	2	0	2	8	6
3	0	4	0	0	3	0	4	0	9
4	0	5	4	0	4	0	5	5	0
5	0	6	8	0	5	0	6	9	3
6	0	8	0	0	6	0	8	1	6
7	0	9	4	0	7	0	9	5	9
8	0	10	8	0	8	0	10	10	0
9	1	0	0	0	9	1	0	2	3
10	1	1	4	0	10	1	1	6	6
11	1	2	8	0	11	1	2	10	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
$\frac{1}{4}$	0	4	0	0	$\frac{1}{4}$	0	4	0	9
$\frac{1}{2}$	0	8	0	0	$\frac{1}{2}$	0	8	1	6
$\frac{3}{4}$	1	0	0	0	$\frac{3}{4}$	1	0	2	3

Feet long.	16 ½ broad. Ft.	In.	Pa.	*Feet long.*	16 ¾ broad. Ft.	In.	Pa.
1	1	4	6	1	1	4	9
2	2	9	0	2	2	9	6
3	4	1	6	3	4	2	3
4	5	6	0	4	5	7	0
5	6	10	6	5	6	11	9
6	8	3	0	6	8	4	6
7	9	7	6	7	9	9	3
8	11	0	0	8	11	2	0
9	12	4	6	9	12	6	9
10	13	9	0	10	13	11	6
11	15	1	6	11	15	4	3
12	16	6	0	12	16	9	0
13	17	10	6	13	18	1	9
14	19	3	0	14	19	6	6
15	20	7	6	15	20	11	3
16	22	0	0	16	22	4	0
17	23	4	6	17	23	8	9
18	24	9	0	18	25	1	6
19	26	1	6	19	26	6	3
20	27	6	0	20	27	11	0
21	28	10	6	21	29	3	9
22	30	3	0	22	30	8	6
23	31	7	6	23	32	1	3
24	33	0	0	24	33	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	4	6	1	0	1	4	9
2	0	2	9	0	2	0	2	9	6
3	0	4	1	6	3	0	4	2	3
4	0	5	6	0	4	0	5	7	0
5	0	6	10	6	5	0	6	11	9
6	0	8	3	0	6	0	8	4	6
7	0	9	7	6	7	0	9	9	3
8	0	11	0	0	8	0	11	2	0
9	1	0	4	6	9	1	0	6	9
10	1	1	9	0	10	1	1	11	6
11	1	3	1	6	11	1	3	4	3

Qrs In. long.	In.	Pa.	S.	T.	*Qrs. In long.*	In.	Pa.	S.	T.
¼	0	4	1	6	¼	0	4	2	3
½	0	8	3	0	½	0	8	4	6
¾	1	4	4	6	¾	1	0	6	9

Feet long.	17 In. broad.			*Feet long.*	17 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	1	5	0	1	1	5	3
2	2	10	0	2	2	10	6
3	4	3	0	3	4	3	9
4	5	8	0	4	5	9	0
5	7	1	0	5	7	2	3
6	8	6	0	6	8	7	6
7	9	11	0	7	10	0	9
8	11	4	0	8	11	6	0
9	12	9	0	9	12	11	3
10	14	2	0	10	14	4	6
11	15	7	0	11	15	9	9
12	17	0	0	12	17	3	0
13	18	5	0	13	18	8	3
14	19	10	0	14	20	1	6
15	21	3	0	15	21	6	9
16	22	8	0	16	23	0	0
17	24	1	0	17	24	5	3
18	25	6	0	18	25	10	6
19	26	11	0	19	27	3	9
20	28	4	0	20	28	9	0
21	29	9	0	21	30	2	3
22	31	2	0	22	31	7	6
23	32	7	0	23	33	0	9
24	34	0	0	24	34	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	5	0	1	0	1	5	3
2	0	2	10	0	2	0	2	10	6
3	0	4	3	0	3	0	4	3	9
4	0	5	8	0	4	0	5	9	0
5	0	7	1	0	5	0	7	2	3
6	0	8	6	0	6	0	8	7	6
7	0	9	11	0	7	0	10	0	9
8	0	11	4	0	8	0	11	6	0
9	1	0	9	0	9	1	0	11	3
10	1	2	2	0	10	1	2	4	6
11	1	3	7	0	11	1	3	9	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	4	3	0	¼	0	4	3	9
½	0	8	6	0	½	0	8	7	6
¾	1	0	9	0	¾	1	0	11	3

Feet long.	17 ½ broad. Ft.	In.	Pa.	Feet long.	17 ¾ broad. Ft.	In.	Pa.
1	1	5	6	1	1	5	9
2	2	11	0	2	2	11	6
3	4	4	6	3	4	5	3
4	5	10	0	4	5	11	0
5	7	3	6	5	7	4	9
6	8	9	0	6	8	10	6
7	10	2	6	7	10	4	3
8	11	8	0	8	11	10	0
9	13	1	6	9	13	3	9
10	14	7	0	10	14	9	6
11	16	0	6	11	16	3	3
12	17	6	0	12	17	9	0
13	18	11	6	13	19	2	9
14	20	5	0	14	20	8	6
15	21	10	6	15	22	2	3
16	23	4	0	16	23	8	0
17	24	9	6	17	25	1	9
18	26	3	0	18	26	7	6
19	27	8	6	19	28	1	3
20	29	2	0	20	29	7	0
21	30	7	6	21	31	0	9
22	32	1	0	22	32	6	6
23	33	6	6	23	34	0	3
24	35	0	0	24	35	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	5	6	1	0	1	5	9
2	0	2	11	0	2	0	2	11	6
3	0	4	4	6	3	0	4	5	3
4	0	5	10	0	4	0	5	11	0
5	0	7	3	6	5	0	7	4	9
6	0	8	9	0	6	0	8	10	6
7	0	10	2	6	7	0	10	4	3
8	0	11	8	0	8	0	11	10	0
9	1	1	1	6	9	1	1	3	9
10	1	2	7	0	10	1	2	9	6
11	1	4	0	6	11	1	4	3	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	4	4	6	¼	0	4	5	3
½	0	8	9	0	½	0	8	10	6
¾	1	1	1	6	¾	1	1	3	9

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Feet long.	18 In broad.			*Feet long.*	18 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	6	0	1	1	6	3
2	3	0	0	2	3	0	6
3	4	6	0	3	4	6	9
4	6	0	0	4	6	1	0
5	7	6	0	5	7	7	3
6	9	0	0	6	9	1	6
7	10	6	0	7	10	7	9
8	12	0	0	8	12	2	0
9	13	6	0	9	13	8	3
10	15	0	0	10	15	2	6
11	16	6	0	11	16	8	9
12	18	0	0	12	18	3	0
13	19	6	0	13	19	9	3
14	21	0	0	14	21	3	6
15	22	6	0	15	22	9	9
16	24	0	0	16	24	4	0
17	25	6	0	17	25	10	3
18	27	0	0	18	27	4	6
19	28	6	0	19	28	10	9
20	30	0	0	20	30	5	0
21	31	6	0	21	31	11	3
22	33	0	0	22	33	5	6
23	34	6	0	23	34	11	9
24	36	0	0	24	36	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	6	0	1	0	1	6	3
2	0	3	0	0	2	0	3	0	6
3	0	4	6	0	3	0	4	6	9
4	0	6	0	0	4	0	6	1	0
5	0	7	6	0	5	0	7	7	3
6	0	9	0	0	6	0	9	1	6
7	0	10	6	0	7	0	10	7	9
8	1	0	0	0	8	1	0	2	0
9	1	1	6	0	9	1	1	8	3
10	1	3	0	0	10	1	3	2	6
11	1	4	6	0	11	1	4	8	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	4	6	0	¼	0	4	6	9
½	0	9	0	0	½	0	9	1	6
¾	1	1	6	0	¾	1	1	8	3

	18 ½ broad.				18 ¾ broad.		
Feet long.	Ft.	In.	Pa.	*Feet long.*	Ft.	In.	Pa.
1	1	6	6	1	1	6	9
2	3	1	0	2	3	1	6
3	4	7	6	3	4	8	3
4	6	2	0	4	6	3	0
5	7	8	6	5	7	9	9
6	9	3	0	6	9	4	6
7	10	9	6	7	10	11	3
8	12	4	0	8	12	6	0
9	13	10	6	9	14	0	9
10	15	5	0	10	15	7	6
11	16	11	6	11	17	2	3
12	18	6	0	12	18	9	0
13	20	0	6	13	20	3	9
14	21	7	0	14	21	10	6
15	23	1	6	15	23	5	3
16	24	8	0	16	25	0	0
17	26	2	6	17	26	6	9
18	27	9	0	18	28	1	6
19	29	3	6	19	29	8	3
20	30	10	0	20	31	3	0
21	32	4	6	21	32	9	9
22	33	11	0	22	34	4	6
23	35	5	6	23	35	11	3
24	37	0	0	24	37	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	6	6	1	0	1	6	9
2	0	3	1	0	2	0	3	1	6
3	0	4	7	6	3	0	4	8	3
4	0	6	2	0	4	0	6	3	0
5	0	7	8	6	5	0	7	9	9
6	0	9	3	0	6	0	9	4	6
7	0	10	9	6	7	0	10	11	3
8	1	0	4	0	8	1	0	6	0
9	1	1	10	6	9	1	2	0	9
10	1	3	5	0	10	1	3	7	6
11	1	4	11	6	11	1	5	2	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	4	7	6	¼	0	4	8	3
½	0	9	3	0	½	0	9	4	6
¾	1	1	10	6	¾	1	2	0	9

Eeet long.	19 In. broad. Ft.	In.	Pa.	*Feet long.*	19 ¼ broad. Ft.	In.	Pa.
1	1	7	0	1	1	7	3
2	3	2	0	2	3	2	6
3	4	9	0	3	4	9	9
4	6	4	0	4	6	5	0
5	7	11	0	5	8	0	3
6	9	6	0	6	9	7	6
7	11	1	0	7	11	2	9
8	12	8	0	8	12	10	0
9	14	3	0	9	14	5	3
10	15	10	0	10	16	0	6
11	17	5	0	11	17	7	9
12	19	0	0	12	19	3	0
13	20	7	0	13	20	10	3
14	22	2	0	14	22	5	6
15	23	9	0	15	24	0	9
16	25	4	0	16	25	8	0
17	26	11	0	17	27	3	3
18	28	6	0	18	28	10	6
19	30	1	0	19	30	5	9
20	31	8	0	20	32	1	0
21	33	3	0	21	33	8	3
22	34	10	0	22	35	3	6
23	36	5	0	23	36	10	9
24	38	0	0	24	38	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	7	0	1	0	1	7	3
2	0	3	2	0	2	0	3	2	6
3	0	4	9	0	3	0	4	9	9
4	0	6	4	0	4	0	6	5	0
5	0	7	11	0	5	0	8	0	3
6	0	9	6	0	6	0	9	7	6
7	0	11	1	0	7	0	11	2	9
8	1	0	8	0	8	1	0	10	0
9	1	2	3	0	9	1	2	5	3
10	1	3	10	0	10	1	4	0	6
11	1	5	5	0	11	1	5	7	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	4	9	0	¼	0	4	9	9
½	0	9	6	0	½	0	9	7	6
¾	1	2	3	0	¾	1	2	5	3

Ft. long.	19 ½ broad. Ft.	In.	Pa.	Ft. long.	19 ¾ broad. Ft.	In.	Pa.
1	1	7	6	1	1	7	9
2	3	3	0	2	3	3	6
3	4	10	6	3	4	11	3
4	6	6	0	4	6	7	0
5	8	1	6	5	8	2	9
6	9	9	0	6	9	10	6
7	11	4	6	7	11	6	3
8	13	0	0	8	13	2	0
9	14	7	6	9	14	9	9
10	16	3	0	10	16	5	6
11	17	10	6	11	18	1	3
12	19	6	0	12	19	9	0
13	21	1	6	13	21	4	9
14	22	9	0	14	23	0	6
15	24	4	6	15	24	8	3
16	26	0	0	16	26	4	0
17	27	7	6	17	27	11	9
18	29	3	0	18	29	7	6
19	30	10	6	19	31	3	3
20	32	6	0	20	32	11	0
21	34	1	6	21	34	6	9
22	35	9	0	22	36	2	6
23	37	4	6	23	37	10	3
24	39	0	0	24	39	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	7	6	1	0	1	7	9
2	0	3	3	0	2	0	3	3	6
3	0	4	10	6	3	0	4	11	3
4	0	6	6	0	4	0	6	7	0
5	0	8	1	6	5	0	8	2	9
6	0	9	9	0	6	0	9	10	6
7	0	11	4	6	7	0	11	6	3
8	1	1	0	0	8	1	1	2	0
9	1	2	7	6	9	1	2	9	9
10	1	4	3	0	10	1	4	5	6
11	1	5	10	6	11	1	6	1	3

Qrs. In long.	In.	Pa.	S.	T.	Qrs In. long.	In.	Pa.	S.	T.
¼	0	4	10	6	¼	0	4	11	3
½	0	9	9	0	½	0	9	10	6
¾	1	2	7	6	¾	1	2	9	9

Feet long.	20 In. broad.			*Feet long.*	20 $\frac{1}{4}$ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	1	8	0	1	1	8	3
2	3	4	0	2	3	4	6
3	5	0	0	3	5	0	9
4	6	8	0	4	6	9	0
5	8	4	0	5	8	5	3
6	10	0	0	6	10	1	6
7	11	8	0	7	11	9	9
8	13	4	0	8	13	6	0
9	15	0	0	9	15	2	3
10	16	8	0	10	16	10	6
11	18	4	0	11	18	6	9
12	20	0	0	12	20	3	0
13	21	8	0	13	21	11	3
14	23	4	0	14	23	6	6
15	25	0	0	15	25	3	9
16	26	8	0	16	27	0	0
17	28	4	0	17	28	8	3
18	30	0	0	18	30	4	6
19	31	8	0	19	32	0	9
20	33	4	0	20	33	9	0
21	35	0	0	21	35	5	3
22	36	8	0	22	37	1	6
23	38	4	0	23	38	9	9
24	40	0	0	24	40	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	8	0	1	0	1	8	3
2	0	3	4	0	2	0	3	4	6
3	0	5	0	0	3	0	5	0	9
4	0	6	8	0	4	0	6	9	0
5	0	8	4	0	5	0	8	5	3
6	0	10	0	0	6	0	10	1	6
7	0	11	8	0	7	0	11	9	9
8	1	1	4	0	8	1	1	6	0
9	1	3	0	0	9	1	3	2	3
10	1	4	8	0	10	1	4	10	6
11	1	6	4	0	11	1	6	6	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
$\frac{1}{4}$	0	5	0	0	$\frac{1}{4}$	0	5	0	9
$\frac{1}{2}$	0	10	0	0	$\frac{1}{2}$	0	10	1	6
$\frac{3}{4}$	1	3	0	0	$\frac{3}{4}$	1	2	2	3

Feet long.	20 ½ broad.			Feet long.	20 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	8	6	1	1	8	9
2	3	5	0	2	3	5	6
3	5	1	6	3	5	2	3
4	6	10	0	4	6	11	0
5	8	6	6	5	8	7	9
6	10	3	0	6	10	4	6
7	11	11	6	7	12	1	3
8	13	8	0	8	13	10	0
9	15	4	6	9	15	6	9
10	17	1	0	10	17	3	6
11	18	9	6	11	19	0	3
12	20	0	0	12	20	9	0
13	22	2	6	13	22	5	9
14	23	11	0	14	24	2	6
15	25	7	6	15	25	11	3
16	27	4	0	16	27	8	0
17	29	0	6	17	29	4	9
18	30	9	0	18	31	1	6
19	32	5	6	19	32	10	3
20	34	2	0	20	34	7	0
21	35	10	6	21	36	3	9
22	37	7	0	22	38	0	6
23	39	3	6	23	39	9	3
24	41	0	0	24	41	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	8	6	1	0	1	8	9
2	0	3	5	0	2	0	3	5	6
3	0	5	1	6	3	0	5	2	3
4	0	6	10	0	4	0	6	11	0
5	0	8	6	6	5	0	8	7	9
6	0	10	3	0	6	0	10	4	6
7	0	11	11	6	7	1	0	1	3
8	1	1	8	0	8	1	1	10	0
9	1	3	4	6	9	1	3	6	9
10	1	5	1	0	10	1	5	3	6
11	1	6	9	6	11	1	7	0	3

Qrs In. long.	In.	Pa.	S.	T.	Qrs In long.	In.	Pa.	S.	T.
¼	0	5	1	6	¼	0	5	2	3
½	0	10	3	0	½	0	10	4	6
¾	1	3	4	6	¾	1	3	6	9

Feet long.	21 In. broad.			Feet long.	21 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	1	9	0	1	1	9	3
2	3	6	0	2	3	6	6
3	5	3	0	3	5	3	9
4	7	0	0	4	7	1	0
5	8	9	0	5	8	10	3
6	10	6	0	6	10	7	6
7	12	3	0	7	12	4	9
8	14	0	0	8	14	2	0
9	15	9	0	9	15	11	3
10	17	6	0	10	17	8	6
11	19	3	0	11	19	5	9
12	21	0	0	12	21	3	0
13	22	9	0	13	23	0	3
14	24	6	0	14	24	9	6
15	26	3	0	15	26	6	9
16	28	0	0	16	28	4	0
17	29	9	0	17	30	1	3
18	31	6	0	18	31	10	6
19	33	3	0	19	33	7	9
20	35	0	0	20	35	5	0
21	36	9	0	21	37	2	3
22	38	6	0	22	38	11	6
23	40	3	0	23	40	8	9
24	42	0	0	24	42	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	9	0	1	0	1	9	3
2	0	3	6	0	2	0	3	6	6
3	0	5	3	0	3	0	5	3	9
4	0	7	0	0	4	0	7	1	0
5	0	8	9	0	5	0	8	10	3
6	0	10	6	0	6	0	10	7	6
7	1	0	3	0	7	1	0	4	9
8	1	2	0	0	8	1	2	2	0
9	1	3	9	0	9	1	3	11	3
10	1	5	6	0	10	1	5	8	6
11	1	7	3	0	11	1	7	5	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	5	3	0	¼	0	5	3	9
½	0	10	6	0	½	0	10	7	6
¾	1	3	9	0	¾	1	3	11	3

6-4

7-3

3/59-6
1-2
4

3

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1-5-
5 9-6

Feet long.	21 ½ broad. Ft.	In.	Pa.	Feet long.	21 ¾ broad. Ft.	In.	Pa.
1	1	9	6	1	1	9	9
2	3	7	0	2	3	7	6
3	5	4	6	3	5	5	3
4	7	2	0	4	7	3	0
5	8	11	6	5	9	0	9
6	10	9	0	6	10	10	6
7	12	6	6	7	12	8	3
8	14	4	0	8	14	6	0
9	16	1	6	9	16	3	9
10	17	11	0	10	18	1	6
11	19	8	6	11	19	11	3
12	21	6	0	12	21	9	0
13	23	3	6	13	23	6	9
14	25	1	0	14	25	4	6
15	26	10	6	15	27	2	3
16	28	8	0	16	29	0	0
17	30	5	6	17	30	9	9
18	32	3	0	18	32	7	6
19	34	0	6	19	34	5	3
20	35	10	0	20	36	3	0
21	37	7	6	21	38	0	9
22	39	5	0	22	39	10	6
23	41	2	6	23	41	8	3
24	43	0	0	24	43	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	9	6	1	0	1	9	9
2	0	3	7	0	2	0	3	7	6
3	0	5	4	6	3	0	5	5	3
4	0	7	2	0	4	0	7	3	0
5	0	8	11	6	5	0	9	0	9
6	0	10	9	0	6	0	10	10	6
7	1	0	6	6	7	1	0	8	3
8	1	2	4	0	8	1	2	6	0
9	1	4	1	6	9	1	4	3	9
10	1	5	11	0	10	1	6	1	6
11	1	7	8	6	11	1	7	11	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	5	4	6	¼	0	5	5	3
½	0	10	9	0	½	0	10	10	6
¾	1	4	1	6	¾	1	4	3	9

Feet long.	22 In broad.			*Feet long.*	22 $\frac{1}{4}$ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	1	10	0	1	1	10	3
2	3	8	0	2	3	8	6
3	5	6	0	3	5	6	9
4	7	4	0	4	7	5	0
5	9	2	0	5	9	3	3
6	11	0	0	6	11	1	6
7	12	10	0	7	12	11	9
8	14	8	0	8	14	10	0
9	16	6	0	9	16	8	3
10	18	4	0	10	18	6	6
11	20	2	0	11	20	4	9
12	22	0	0	12	22	3	0
13	23	10	0	13	24	1	3
14	25	8	0	14	25	11	6
15	27	6	0	15	27	9	9
16	29	4	0	16	29	8	0
17	31	2	0	17	31	6	3
18	33	0	0	18	33	4	6
19	34	10	0	19	35	2	9
20	36	8	0	20	37	1	0
21	38	6	0	21	38	11	3
22	40	4	0	22	40	9	6
23	42	2	0	2	42	7	9
24	44	0	0	24	44	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	10	0	1	0	1	10	3
2	0	3	8	0	2	0	3	8	6
3	0	5	6	0	3	0	5	6	9
4	0	7	4	0	4	0	7	5	0
5	0	9	2	0	5	0	9	3	3
6	0	11	0	0	6	0	11	1	6
7	1	0	10	0	7	1	0	11	9
8	1	2	8	0	8	1	2	10	0
9	1	4	6	0	9	1	4	8	3
10	1	6	4	0	10	1	6	6	6
11	1	8	2	0	11	1	8	4	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In long.*	In.	Pa.	S.	T.
$\frac{1}{4}$	0	5	6	0	$\frac{1}{4}$	0	5	6	9
$\frac{1}{2}$	0	11	0	0	$\frac{1}{2}$	0	11	1	6
$\frac{3}{4}$	1	4	6	0	$\frac{3}{4}$	1	4	8	3

Feet long.	22 ½ broad.			*Feet long.*	22 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	10	6	1	1	10	9
2	3	9	0	2	3	9	6
3	5	7	6	3	5	8	3
4	7	6	0	4	7	7	0
5	9	4	6	5	9	5	9
6	11	3	0	6	11	4	6
7	13	1	6	7	13	3	3
8	15	0	0	8	15	2	0
9	16	10	6	9	17	0	9
10	18	9	0	10	18	11	6
11	20	7	6	11	20	10	3
12	22	6	0	12	22	9	0
13	24	4	6	13	24	7	9
14	26	3	0	14	26	6	6
15	28	1	6	15	28	5	3
16	30	0	0	16	30	4	0
17	31	10	6	17	32	2	9
18	33	9	0	18	34	1	6
19	35	7	6	19	36	0	3
20	37	6	0	20	37	11	0
21	39	4	6	21	39	9	9
22	41	3	0	22	41	8	6
23	43	1	6	23	43	7	3
24	45	0	0	24	45	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	10	6	1	0	1	10	9
2	0	3	9	0	2	0	3	9	6
3	0	5	7	6	3	0	5	8	3
4	0	7	6	0	4	0	7	7	0
5	0	9	4	6	5	0	9	5	9
6	0	11	3	0	6	0	11	4	6
7	1	1	1	6	7	1	1	3	3
8	1	3	0	0	8	1	3	2	0
9	1	4	10	6	9	1	5	0	9
10	1	6	9	0	10	1	6	11	6
11	1	8	7	6	11	1	8	10	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	5	7	6	¼	0	5	8	3
½	0	11	3	0	½	0	11	4	6
¾	1	4	10	6	¾	1	5	0	9

Feet long.	23 In. broad. Ft.	In.	Pa.	*Feet long.*	23 $\frac{1}{4}$ broad. Ft.	In.	Pa.
1	1	11	0	1	1	11	3
2	3	10	0	2	3	10	6
3	5	9	0	3	5	9	9
4	7	8	0	4	7	9	0
5	9	7	0	5	9	8	3
6	11	6	0	6	11	7	6
7	13	5	0	7	13	6	9
8	15	4	0	8	15	6	0
9	17	3	0	9	17	5	3
10	19	2	0	10	19	4	6
11	21	1	0	11	21	3	9
12	23	0	0	12	23	3	0
13	24	11	0	13	25	2	3
14	26	10	0	14	27	1	6
15	28	9	0	15	29	0	9
16	30	8	0	16	31	0	0
17	32	7	0	17	32	11	3
18	34	6	0	18	34	10	6
19	36	5	0	19	36	9	9
20	38	4	0	20	38	9	0
21	40	3	0	21	40	8	3
22	42	2	0	22	42	7	6
23	44	1	0	23	44	6	9
24	46	0	0	24	46	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In.	Pa.	S.
1	0	1	11	0	1	0	1	11	3
2	0	3	10	0	2	0	3	10	6
3	0	5	9	0	3	0	5	9	9
4	0	7	8	0	4	0	7	9	0
5	0	9	7	0	5	0	9	8	3
6	0	11	6	0	6	0	11	7	6
7	1	1	5	0	7	1	1	6	9
8	1	3	4	0	8	1	3	6	0
9	1	5	3	0	9	1	5	5	3
10	1	7	2	0	10	1	7	4	6
11	1	9	1	0	11	1	9	3	9

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
$\frac{1}{4}$	0	5	9	0	$\frac{1}{4}$	0	5	9	9
$\frac{1}{2}$	0	11	6	0	$\frac{1}{2}$	0	11	7	6
$\frac{3}{4}$	1	5	3	0	$\frac{3}{4}$	1	5	5	3

Feet long.	23 $\frac{1}{2}$ broad.		
	Ft.	In.	Pa.
1	1	11	6
2	3	11	0
3	5	10	6
4	7	10	0
5	9	9	6
6	11	9	0
7	13	8	6
8	15	8	0
9	17	7	6
10	19	7	0
11	21	6	6
12	23	6	0
13	25	5	6
14	27	5	0
15	29	4	6
16	31	4	0
17	33	3	6
18	35	3	0
19	37	2	6
20	39	2	0
21	41	1	6
22	43	1	0
23	45	0	6
24	47	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	11	6
2	0	3	11	0
3	0	5	10	6
4	0	7	10	0
5	0	9	9	6
6	0	11	9	0
7	1	1	8	6
8	1	3	8	0
9	1	5	7	6
10	1	7	7	0
11	1	9	6	6

Qrs. In long.	In.	Pa.	S.	T.
$\frac{1}{4}$	0	5	10	6
$\frac{1}{2}$	0	11	9	0
$\frac{3}{4}$	1	5	7	6

Feet long.	23 $\frac{3}{4}$ broad.		
	Ft.	In.	Pa.
1	1	11	9
2	3	11	6
3	5	11	3
4	7	11	0
5	9	10	9
6	11	10	6
7	13	10	3
8	15	10	0
9	17	9	9
10	19	9	6
11	21	9	3
12	23	9	0
13	25	8	9
14	27	8	6
15	29	8	3
16	31	8	0
17	33	7	9
18	35	7	6
19	37	7	3
20	39	7	0
21	41	6	9
22	43	6	6
23	45	6	3
24	47	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	11	9
2	0	3	11	6
3	0	5	11	3
4	0	7	11	0
5	0	9	10	9
6	0	11	10	6
7	1	1	10	3
8	1	3	10	0
9	1	5	9	9
10	1	7	9	6
11	1	9	9	3

Qrs. In. long.	In.	Pa.	S.	T.
$\frac{1}{4}$	0	5	11	3
$\frac{1}{2}$	0	11	10	6
$\frac{3}{4}$	1	5	9	9

24 In. broad.

Feet long.	Ft.	In.	Pa
1	2	0	0
2	4	0	0
3	6	0	0
4	8	0	0
5	10	0	0
6	12	0	0
7	14	0	0
8	16	0	0
9	18	0	0
10	20	0	0
11	22	0	0
12	24	0	0
13	26	0	0
14	28	0	0
15	30	0	0
16	32	0	0
17	34	0	0
18	36	0	0
19	38	0	0
20	40	0	0
21	42	0	0
22	44	0	0
23	46	0	0
24	48	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	2	0	0
2	0	4	0	0
3	0	6	0	0
4	0	8	0	0
5	0	10	0	0
6	1	0	0	0
7	1	2	0	0
8	1	4	0	0
9	1	6	0	0
10	1	8	0	0
11	1	10	0	0

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	6	0	0
1/2	1	0	0	0
3/4	1	6	0	0

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OF THE

PRICES and WEIGHT

OF

NAILS.

AS I know of no Materials relating to building, in which ſo great *Abuſes* and *Impoſitions* conſtantly occur, as in the Article of *Nails*; I ſhall be very particular in my Directions concerning them, in Hopes of preventing ſuch Practices for the future.

Nails are of many *Sorts*, and of ſeveral of *thoſe Sorts* there are great Variety.

N. B. *The* Wholeſale-Dealers *in Nails have found it neceſſary to diſtinguiſh them into* GENERAL *and* SPECIAL; *But* firſt, *of what they underſtand by* General *Nails*.

Under the *General* Sorts of Nails, they comprehend, 1. *Brads*, 2. *Hobbs*, and 3. *Nails*.

1. BRADS; *viz. Bill*-Brads, *Plain*-Brads, and *Gunner*-Brads.

2. HOBBS; *viz. Claſp*-Hobbs, *Dye* Hobbs, *Roſe*-Hobbs, *Skadder*-Hobbs, and *Thick*-Hobbs.

3. NAILS; *viz. Deck*-Nails, *Flat-Head*-Nails, *Flat-Point*-Nails, *Drawe*-Nails, *Lead*-Nails, *Roſe*-Nails, *Scupper*-Nails, *Sharp*-Nails, *Middle*-Nails, *Square*-Nails, *Prigg*-Nails, *Spike*-Nails, and *Weight*-Nails.

N. B. *The above which are known by the Names of* General *Nails*, *are ſold by the* Thouſand, *and including them all, the* Price *is from* 8d. *to* 12s. *per* Thouſand, *and the* Weight *from* 2oz. ¼, *to* 40lb. *per* Thouſand.

Note, *A* Thouſand *of Nails is* 1200, *there being* 120 *to the* Hundred.

☞ If you would underſtand how to buy Nails of any of the above *Sorts* (for there are of ſeveral *Sizes* and *Prices* of each *Sort*) you muſt obſerve the following TABLE.

The Uſe of the following TABLE.

Having the Price, *to find the* Weight.

Example I.

If a Thouſand *of* Roſe-*Nails coſt* 2s. 3d. *how much ought they to weigh?*

Look in the Table for 2s. 3d. the *Price*, and againſt it is 5 *lb.* 4 *oz.* and ſo much a *Thouſand* of *Roſe*-Nails (which coſt 2s. 3d.) ought to weigh.

Example II.

If a Thouſand *of* Roſe-*Nails coſt* 12s. *how much ought they to weigh?*

Look in the Table for 12s. the *Price*, and againſt it is 40 *lb.* and that is the Weight of *a* Thouſand of *Roſe*-Nails, which coſt 12s.

Having the Weight *to find the* Price.

Example I.

What is the Price *or* Value *of a* Thouſand *of* Sharp-*Nails that weigh* 2 *lb.* 8 *oz?*

Look in the Table for 2 *lb.* 8 *oz.* the *Weight*, and againſt it ſtands 1s. 4d.½, and that is the *Price* of *a* Thouſand of *Sharp*-Nails, which weigh 2*lb.* 8*oz.*

Example II.

What ought I to pay for a Thouſand *of* Sharp-Nails *that weigh* 36 *lb?*

Look in the Table for 36 *lb.* the *Weight*, and againſt it ſtands 11s. and that is what I ought to pay for them.

And ſo you may find either the *Weight* or *Value* of any other of the *General* Sorts of Nails; and the ſame Method is to be obſerved for finding the *Weight* or *Value* of any of the *Special* Sorts of Nails.

The TABLE *of the* Prices *and* Weight *of the* GENERAL *Sorts of* Nails, *viz. Brads, Hobbs, Nails.*

1 BRADS; *viz. Bill*-Brads, *Plain*-Brads, and *Gunner*-Brads.

2. HOBBS; *viz. Claſp*-Hobbs, *Dye*-Hobbs, *Roſe*-Hobbs, *Skidder*-Hobbs, and *Thick*-Hobbs.

3. NAILS; *viz. Deck*-Nails, *Flat-head*-Nails, *Flat-point*-Nails, *Drawe*-Nails, *Lead*-Nails, *Roſe* Nails, *Scupper*-Nails, *Sharp*-Nails, *Middle*-Nails, *Square*-Nails, *Prigg*-Nails, *Spike*-Nails, and *Weight*-Nails.

Price per *Thouſ.*		Shoald weigh per *Thouſ.*		Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*	*s.*	*d.*	*lb.*	*oz.*
0	7¾	0	2¼	2	8	6	8
0	8	0	5	2	8½	6	12
0	8¼	0	6	2	9	7	0
0	9	0	8	2	10½	7	8
0	9¼	0	9	3	0	8	0
0	9½	0	10	3	3	9	0
0	10½	0	14	3	7	0	0
0	10¾	0	15	3	10	11	0
0	11	1	0	4	1	12	0
1	0½	1	6	4	6	13	0
1	1	1	8	4	9	14	0
1	1½	1	12	5	0	15	0
1	2	1	14	5	3	16	0
1	2½	2	0	5	6	17	0
1	4½	2	8	5	10	18	0
1	6	2	12	6	2	9	0
1	6½	2	14	6	5	20	0
1	7	3	0	6	8	21	0
1	8½	3	8	6	10	22	0
1	9½	3	12	7	3	23	0
1	10	4	0	7	6	24	0
1	11	4	4	8	2	26	0
2	0	4	8	8	10	28	0
2	1	4	12	9	2	30	0
2	2½	5	0	9	6	2	0
2	3	5	4	11	0	6	0
2	4	5	8	12	0	40	0
2	6	6	0				

NAILS.

Flat-pointed, *Strong*, or *Drawed*.

The *Name*		Price per *Ct. Wt.*			The *Name.*		Price per *Ct. Wt.*		
s.	*d*	*l.*	*s.*	*d*	*s.*	*d.*	*l.*	*s.*	*d.*
2	0	1	11	0	4	0	1	9	0
2	6	1	10	0	5	0	1	9	0
3	4	1	9	0	6	0	1	9	0

WEIGHT-NAILS

Are 28s. per *Hundred Weight.*

Here ends thoſe Nails which are known by GENERAL *Sorts of Nails.*

The TABLE *of the* Prices *and* Weight *of the* SPECIAL *Sorts of* Nails.

Batten-Brads.

Price per *Thouſ.*		Should weigh per *Thouſ.*		Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*	*s.*	*d.*	*lb.*	*oz.*
0	8½	0	8	1	9	2	12
0	11	0	14	1	10	2	14
0	11½	1	0	1	11	3	0
1	3	1	12	2	4	4	0
1	3½	1	14	2	10	5	0
1	4	2	0				

Clout-NAILS.

Price per *Thouſ.*		Should weigh pet *Thouſ.*	
s.	*d*	*lb.*	*oz*
2	1	4	8
2	10	7	0
3	2	8	0

Dogg-NAILS.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
3	9	9	0
4	9	12	0
6	0	16	0

Clout-BRADS.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
3	6	9	0

N. B. There are larger *Dogg*-Nails, *viz.*

From 20*lb.* to 120*lb.* per *Thouſand*, and are ſold at 4*d.* per *Pound.*

Jobent-Nails.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
0	10½	0	14
0	11¼	1	0
1	2½	1	14
1	3	2	0
1	7	3	0

Round-Head-Nails.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
0	11½	0	13
1	0¾	1	0
1	3	1	10
1	4½	2	0
1	11	3	4
2	9	5	0
3	3	7	0
4	4	10	0
5	6	13	0

Tenter-Hooks.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
1	3	1	0
1	6	1	8
2	2	3	8
3	0	5	8
4	6	10	0
7	0	19	0
16	0	40	0

Glaizer's Sprigs.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
0	7½	0	3
0	8	0	14
0	8¾	1	0

Pound-NAILS.

The *Name.*		Price per *Ct. Wt.*		
lb.	*oz*	*l.*	*s.*	*d.*
14	0	1	15	0
20	0	1	15	0
34	0	1	15	0
44	0	1	13	0
54	0	1	12	0

Cart NAILS.

Are from 5 to 8 Inches long, and are ſold at 30s. per Hundred Weight.

NAILS.

Flat-pointed, *Strong*, or *Drawed*.

The *Name*.	Price per *Ct. Wt.*	The *Name*.	Price per *Ct. Wt.*
s. *d.*	*l.* *s.* *d.*	*s.* *d.*	*l.* *s.* *d.*
2 0	1 11 0	4 0	1 9 0
2 6	1 10 0	5 0	1 9 0
3 4	1 9 0	6 0	1 9 0

WEIGHT-NAILS

Are 28s. per *Hundred Weight*.

Here ends thoſe Nails which are known by GENERAL *Sorts of Nails*.

The TABLE *of the* Prices *and* Weight *of the* SPECIAL *Sorts of* Nails.

Batten-Brads.

Price per *Thouſ.*	Should weigh per *Thouſ.*	Price per *Thouſ.*	Should weigh per *Thouſ.*
s. *d.*	*lb.* *oz.*	*s.* *d.*	*lb.* *oz.*
0 8½	0 8	1 9	2 12
0 11	0 14	1 10	2 14
0 11½	1 0	1 11	3 0
1 3	1 12	2 4	4 0
1 3½	1 14	2 10	5 0
1 4	2 0		

Clout-NAILS.

Price per *Thouſ.*	Should weigh pet *Thouſ.*
s. *d*	*lb.* *oz*
2 1	4 8
2 10	7 0
3 2	8 0

Clout-BRADS.

Price per *Thouſ.*	Should weigh per *Thouſ.*
s. *d.*	*lb.* *oz.*
3 6	9 0

Dogg-NAILS.

Price per *Thouſ.*	Should weigh per *Thouſ.*
s. *d.*	*lb.* *oz.*
3 9	9 0
4 9	12 0
6 0	16 0

N. B. There are larger *Dogg*-Nails, *viz.*

From 20*lb.* to 120*lb.* per *Thouſand*, and are ſold at 4*d.* per *Pound.*

Jobent-Nails.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
0	10½	0	14
0	11¼	1	0
1	2½	1	14
1	3	2	0
1	7	3	0

Round-Head-Nails.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
0	11½	0	13
1	0¾	1	0
1	3	1	10
1	4½	2	0
1	11	3	4
2	9	5	0
3	3	7	0
4	4	10	0
5	6	13	0

Tenter-Hooks.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
1	3	1	0
1	6	1	8
2	2	3	8
3	0	5	8
4	6	10	0
7	0	19	0
16	0	40	0

Glaizer's Sprigs.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	*d.*	*lb.*	*oz.*
0	7½	0	3
0	8	0	14
0	8¾	1	0

Pound-NAILS.

The *Name.*		Price per *Ct. Wt.*			The *Name.*		Price per *Ct. Wt.*		
lb.	*oz*	*l.*	*s.*	*d.*	*lb.*	*oz.*	*l.*	*s*	*d.*
14	0	1	15	0	44	0	1	13	0
20	0	1	15	0	54	0	1	12	0
34	0	1	15	0					

Cart-NAILS.

Are from 5 to 8 Inches long, and are ſold at 30*s.* per Hundred Weight.

Ribbing-NAILS.

Are from 5 to 10 Inches long, and are ſold at 27s. *per* Hundred Weight.

Timber-NAILS.

Are from 6 to 16 Inches long, and are ſold at 30s. *per* Hundred Weight.

Joiners-RIVETS.

Joiners-Rivets are ſold by the *Pound Weight*, viz.

Thoſe of an Inch at 4d ½, thoſe of Inch and half at 4d½. thoſe of 2 Inch at 4d¼, thoſe of 3 Inches at 4d. and thoſe of 4 Inches at 4d. per *Pound*.

Wood-SCREWS.

Of *Wood-Screws* there are 31 *Sizes*, which are ſold from 1s. 6d. to 36s per *Groſs*, viz.

At 1s. 6d. at 1s. 8d. at 2s. at 2s. 3d. at 2s. 6d. at 2s. 8d. at 2s. 10d. at 3s. at 3s. 2d. at 3s. 6d. at 3s. 9d. at 4s. at 4s. 3d. at 4s. 6d. at 5s. at 5s. 6d. at 5s. 9d. at 6s. at 7s. at 9s. at 10s. at 12s. at 14s. at 15s. at 18s. at 20s. at 22s. at 24s. at 28s. at 30s. and at 36s. per *Groſs*.

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THE PRICES OF JOINERS TOOLS, &c.

Augers.

THERE are 12 *Sizes* of *Augers*, which are ſold from 1s. to 4s. a *piece*, *viz.*

Thoſe which are $\frac{1}{2}$ Inch at 1s. $\frac{5}{8}$ Inch at 1s. 2d. $\frac{3}{4}$ Inch at 1s. 3d. $\frac{7}{8}$ Inch at 1s. 5d. Inch at 1s. 6d. Inch $\frac{1}{8}$ at 1s. 8d. Inch $\frac{1}{4}$ at 2s. Inch $\frac{3}{8}$ at 2s. 6d. Inch $\frac{1}{2}$ at 2s. 8d. Inch $\frac{5}{8}$ at 3s. Inch $\frac{3}{4}$ at 3s. 6d. and 2 Inches at 4s. a *piece*.

Hammers.

There are ſeveral Sorts of *Hammers*, but I ſhall only take Notice of thoſe known by the Names of *Claw*-Hammers, *Welded Cheek*-Hammers, and *Lathing*-Hammers.

There are ſeven Sorts of *Claw*-Hammers, which are ſold from 2s. 8d. to 8s. per *Dozen*, *viz.*

At 2s. 8d. at 3s. 6d. at 4s. at 4s. 6d. at 5s. 6d. at 7s. and at 8s. per *Dozen*.

There are four Sorts of *Welded Cheek*-Hammers, which are ſold from 11s. to 16s. 6d. per *Dozen*, *viz.*

At 11s, at 12s. at 14s. and at 16s. 6d. per *Dozen*.

There are four Sorts of *Lathing*-Hammers, which are ſold from 10s. to 15s. per *Dozen*, *viz.*

At 10s. at 12s. at 14s. and at 15s. per *Dozen*.

Axes, Adzes, *and* Hatchets.

There are alſo three Sorts of *Axes*, which I ſhall take Notice of, *viz. Felling*-Axes, *Houſe*-Axes, and *Lopping*-Axes.

There are four Sorts of *Felling* Axes, which are ſold from 1s. 5d. to 2s. a *piece*, *viz.*

No. 1. at 1s. 5d. No. 2, at 1s. 6d. No. 3, at 1s. 10. and No. 4, at 2s. a *piece*.

There are are alſo four Sorts of *Houſe*-Axes, which are ſold from 2*s*. 6d. to 3s. 6d. a *piece*, *viz*.

At 2s. 6d. at 3s. at 3s. 3d. and at 3s. 6d. a *piece*.

Likewiſe there are four Sorts of *Lopping*-Axes, which are ſold from 17s. to 24s. per *Dozen*, *viz*.

At 17s. at 18s. at 22s. and at 24s. per *Dozen*.

There are two Sizes of *Adzes*, one at 20d. and the other at 2s. a *piece*.

There are two Sizes of *Joiners* Hatchets; the *one* is ſold at 18s. and the *other* at 20s. per *Dozen*.

Saws.

There are ſeveral Sorts of *Saws*, both of *Steel* and *Iron*; *viz*. *Compaſs Steel*-Saws, *Grafting*-Saws, *Hand* and *Panel*-Saws, *Tenant*-Saws, *Two-Hand-Peg-Tooth*-Saws, *Whip Steel*-Saws, *Rib-Steel*-Saws.

Compaſs-Steel-Saws are ſold by the *Dozen*, *viz*.

Thoſe of 12 Inches at 8s. and thoſe of 15 Inches at 10s. per *Dozen*.

Grafting-Saws are alſo ſold by the *Dozen*, *viz*.

Thoſe of 10 Inches at 9s. 12 Inches at 12s. 14 Inches at 14s. 16 Inches at 16s. and 18 Inches at 18s. per *Dozen*.

Hand and *Panel* Saws are likewiſe ſold by the *Dozen*, *viz*.

Thoſe of 20 Inches are at 22s. 22 Inches at 25s. 24 Inches at 28s. and 26 Inches at 30s. per *Dozen*.

Hand and *Panel* Saws (Extraordinary) *Hardened Plates*, *viz*.

Thoſe of 22 Inches are ſold at 4s. 6d. 24 Inches at 5s. and 26 Inches at 5s. 6d. a *piece*.

Tenant-Saws, *Harden'd-Plates* (Extraordinary) are ſold at 55s. per *Dozen*.

Two Hand-Peg Tooth and *Whip Steel*-Saws: Of theſe there are 13 different Sorts, which are ſold from 6s. 6d. to 30s. a *piece*, *viz*.

Thoſe of 3 Foot at 6s. 6d. 3 Foot ½ at 7s. 6d. 4 Foot at 9s. 4 Foot ½ at 10s. 5 Foot at 11s. 5 Foot ½ at 13s. 6 Foot at 15s. 6 Foot ½ at 16s. 7 Foot at 17s.

7 Foot ½ at 20s. 8 Foot at 22s. 8 Foot ½ at 25s. and 9 Foot at 30s. a *piece*.

Rib-Steel-Saws are ſold *ſingly*, *viz.*

Thoſe of 5 Foot at 8s. 5 Foot ½ at 9s. and 6 Foot at 10s. a *piece*.

White's-Saws.

Hand-Saws, Whet and Set, are ſold *ſingly*, *viz.*

Thoſe of 22 Inches at 6s. 24 Inches at 6s. 6d. and 26 Inches at 7s. a *piece*.

Panel-Saws, made per *White*, Whet and Set, are ſold at 6s. a *piece*.

Tenant-Saws, made per *White*, Whet and Set, are ſold at 7s. a *piece*.

Whip-Saws, made per *White*, Whet and Set, with Tillers, and Set: Of theſe there are 7 Sizes, which are ſold as follows, *viz.*

Thoſe of 6 Foot at 28s. 6 Foot ½ at 32s. 7 Foot at 34s. 7 Foot ½ at 38s. 8 Foot at 42s. 8 Foot ½ at 44s. 9 Foot at 50s.

Iron-Saws.

Iron-Hand-Saws are ſold per the *Dozen*, *viz.*

Thoſe of 17 Inches at 8s. 18 Inches at 9s. 19 Inches at 10s. 20 Inches at 12s. 22 Inches at 13s. and 24 Inches at 16s. per *Dozen*.

Iron-Two-Hand, *Peg-Tooth*, and *Whip*-Saws, are ſold *ſingly*, *viz.*

Thoſe of 3 Foot at 3s. 3 Foot ½ at 3s. 6d. 4 Foot at 4s. 4 Foot ½ at 4s. 6d. 5 Foot at 5s. 5 Foot ½ at 5s. 6d. 6 Foot at 6s. 6d. 6 Foot ½ at 7s. and 7 Foot at 7s. 6d.

Hand-Saw Screws are ſold at 6s. per *Groſs*.

Hand-Saw-Setts are ſold at 2s. per *Dozen*.

But the *very beſt* are 3s. per *Dozen*.

Stone-Saws are ſold at 35s. per *Hundred Weight*.

Chizels.

There are ſeveral Sorts of *Chizels*, viz *Firmers* and *Gouges*, *Mortice*-Chizels, *Pairing*-Chizels, *Broad*-Chizels, *Heading*-Chizels, *Scribing*-Chizels, *Turning*-Chizels, and *Socket* Gouges; all which are ſold by the *Dozen*.

Firmers and *Gouges ſhouldered*, thoſe of *an Inch* or under, at 20d. per *Dozen*; thoſe from an *Inch* ¼ to an *Inch and half*, at 2s. per *Dozen*; thoſe from an *Inch* ¾ to *Two Inches* at 2s. 6d. per *Dozen*.

N. B. Of theſe there are a longer Sort, which are 4s. per *Dozen*.

Mortice-Chizels at 4s. 6d. per *Dozen*.

Pairing-Chizels at 7s. per *Dozen*.

N. B. There are a better Sort of *Pairing*-Chizels, which are 8s. per *Dozen*.

Broad-Chizels are 7s. per *Dozen*.

Heading-Chizels, thoſe of ½ Inch, are 4s. per *Dozen*.

And thoſe of ¾ *Inch*, and *Inch*, are 6s. per *Dozen*.

Scribing-Chizels are 5s. per *Dozen*; Turning Chizels and Gouges are 5s. 6d. per *Dozen*.

Socket-Gouges are 5s. per *Dozen*.

Compaſſes.

Of theſe there are 7 Sizes, which are ſold from 20d. to 3s. 4d. per *Dozen*, *viz.*

At 20d. at 2s. at 2s. 3d. at 2s. 6d. at 2s. 9d. at 3s. at 3s. 4d. per *Dozen*.

Compaſſes with *Steel Sweeps*, are of different Sizes, and are ſold *Singly*, *viz.*

Thoſe of 12 Inches at 2s. and 6d. 13 Inches at 2s. 9d. 14 Inches at 3s. and 15 Inches at 3s. and 6d. per *Pair*.

Trowels.

Of theſe there are the following Sorts, *viz.*

Brick-Trowels at 10s. per *Dozen*.

Setting Trowels at 9s. per *Dozen*.

Stopping-Trowels at 8s. per *Dozen*.

Stone-Trowels at 10s. per *Dozen*; and

Laying-Trowels at 10s. per *Dozen*.

Jack, or *Hand-Screws* (Single).

Of theſe there are ſeveral Sizes, which are ſold by the Pair, *viz.*

Thoſe of ½ Inch at 16s. thoſe of ¾ Inch at 25s. thoſe of ⅞ Inch at 26s. thoſe of an Inch at 30s. thoſe of Inch ⅛ at 31s. thoſe of Inch ¼, Inch ⅜, and Inch ½, at 40s. a *Pair*.

Jack, or *Hand-Screws* (Double)

Are ſold by the *Pair*; *viz.* thoſe of Inch ¼ at 40s. and thoſe of Inch ½ at 80s.

Bolts.

There are ſeveral Sorts of *Bolts* ; *viz.* *Balcony*-Bolts, *Spring* Bolts, *Saſh*-Bolts, and *Shutter* Bolts.

Some Balcony-Bolts are ſold by the *Dozen*, and *ſome* by the *Pair* ; there are 10 Sorts of thoſe which are ſold per *Dozen*, *viz.*

At 6s. at 7s. at 9s. at 12s. at 15s. at 18s. at 22s. at 24s. at 26s. and at 28s. per *Dozen*.

Balcony-Bolts, ſold by the *Pair*, of theſe there are eight Sorts, *viz.*

At 3s. at 3s. 6d. at 4s. 6d. at 5s. at 5s. 6d. at 7s. at 9s, and at 12s. per *Pair*.

Spring-Bolts, and *Saſh*-Bolts, are ſold by the *Dozen*, and of theſe there are 15 Sorts, *viz.*

At 1s. 6d. at 1s. 10d. at 2s. 3d. at 2s. 4d. at 2s. 9d. at 3s. 6d. at 4s. at 4s. 6d. at 5s. 6d. at 6s. 6d. at 9s. at 12s. at 13s. at 15s. and at 18s. per *Dozen*.

Shutter.Bolts are ſold *per* the *Dozen* ; and of theſe there are 5 Sorts, *viz.*

At 10s. at 12s. at 14s. at 16s. and at 18s. per *Dozen*.

Latches.

Of theſe there are ſeveral Sorts, *viz.* *Long-Tinned* Latches; *Varniſhed*-Latches; *Spring* and *Thumb*-Latches ; with *Braſs-Knobs* ; and *Rimmed* Latches.

Long Tinned Latches are ſold by the *Doz.* and of theſe there are 7 Sorts, *viz.*

At 2s. 3d. at 2s. 6d. at 3s. at 4s. at 4s. 6d. at 6s. and at 7s. per *Dozen*.

Varniſh'd-Latches are ſold by the *Dozen*, and of theſe there are 5 Sorts, *viz.*

At 2s. 6d. at 3s. at 4s. at 6s. and at 8s. per *Dozen*.

Spring and *Thumb*-Latches are ſold by the *Dozen*, and of there are 9 Sorts, *viz.*

At 3s. 6d. at 4s. at 4s. 6d. at 5s. 6d. at 7s. at 8s. at 9s. at 12s. and at 14s. per *Dozen*.

Latches with *Braſs-Knobs* are ſold by the*Dozen*, and of theſe there are 3 Sorts, *viz.*

At

At 14s. at 16s. and at 18s. per *Doz.*

Rimmed-Latches: Of theſe there are ſundry Sorts, *viz. Iron* Caſed, *Braſs*-Caſed, and ſome *Sliding* Caſed, and ſome *not* Caſed; theſe are ſold *Singly*, and are from 1s. 10d. to 16s. a *piece, viz.*

At 1s. 10d. at 2s. 2d. at 2s. 4d at 3s. at 3s. 6d. at 4s. at 4s. 6d. at 5s. 6d. at 6s. 6d. at 8s. 6d. at 9s. at 10s. at 12s. at 13s. and at 16s. a *piece.*

Hinges.

There being ſeveral *Sorts* and many *Sizes* of Hinges; the *Whol-ſale Smiths* and *Iron mongers*, to avoid, as much as poſſible, too great a Multiplicity of Prices, have contrived to *Claſs* and conſider ſeveral Sorts *together*, after ſuch a Manner, that the Prices ſet down under each *Claſs* or *Sortment* are applicable to the whole.

Black-Hinges, *Cheſt*-Hinges, *Cheſt*-Haſps, Hooks, and Hinges, *Scuttle*-Hinges, *Strap*-Hinges.

The above Sorts are ſold by the *Doz.* as follows, *viz.*

At 3s. 3d. at 4s. 3d. at 5s. 3d. at 6s. 3d, at 7s. 6d. at 8s. 6d. and at 10s. 6d. per *Dozen.*

Croſs Garnet-Hinges, with *riſing-Joints*, are ſold by the *Dozen*; and from 6s. 6d. to 15s. 6d. *viz.* at 6s. 6d. at 8s. 6d. at 10s. 6d. at 13s. 6d. and at 15s. 6d. per *Dozen.*

Croſs Garnet and *Scuttle* Hinges that are *weighty*, are ſold at 32s. 6d. per *Hundred Weight.*

But if more than 25 Pair to the *Hundred Wt.* then at 12d. per *Hundred* more.

Croſs Garnet-Hinges, with *filed Joints*, are ſold at 37s. 6d. per *Hundred Weight.*

Hinges with *Hooks* are ſold at 30s. per *Hundred Weight. N. B.* Sometimes they have *Stay-Hooks*, and then they are 2s. per *Hundred* more.

Holdfaſts and *Wall-Hooks* are ſold at 33s. per *Hundred Weight.*

Ditto for *Joiners*, are ſold at 4d. $\frac{1}{2}$ per *Pound.*

Hooks and *Eyes* for *Gates* are ſold at 3d. $\frac{1}{2}$ or 3d. $\frac{3}{4}$ per *Pound.*

The *Cheaper Sort* of Hinges, are *Lancaſhire* Hinges, *Balcony* Hinges, *Cheſt*-Hinges,

Hinges, *Dove-Tailed*-Hinges, *Croſs Garnet*-Hinges, *Shutter*-Hinges, *Side* Hinges, *Pew*-Hinges, *Box*-Hinges, and *Bed*-Hinges.

N. B. Theſe Sorts are ſold by the *Dozen*, *viz.*

At 1s. at 1s. 2d. at 1s. 6d. at 2s. 6d. at 3s. at 4s. at 5s. at 8s. at 10s. at 12s. at 14s. at 16s. at 18s. at 20s. at 24s. and at 30s. per *Dozen*.

Smooth-Filed-Hinges, *viz. Balcony*-Hinges, *Box*-Hinges, *Cheſt* Hinges, *Clock Caſe*-Hinges, *Deſk*-Hinges, *Pew*-Hinges, *Shutter* Hinges, *Side*-Hinges, and *Tumblers*.

N. B. Theſe Hinges are ſold by the *Dozen*, as follows, *viz.*

At 1s. 6d. at 1s. 8d. at 1s. 9d. at 2s. at 2s. 2d. at 2s. 6d. at 3s. at 3s. 6d. at 4s. at 4s. 6d. at 5s. 6d. at 7s. at 9s, at 10. at 11s. at 14. at 16s. at 20s. at 22s. at 24s. at 26s. at 30s. at 36s. and at 42s. per *Dozen*.

Some *Smooth-Filed*-Hinges are ſold by the *Pair*, and are from 4s. to 7s. *viz.*

At 4s. at 5s. at 5s. 6d. at 6s. and at 7s. a *Pair*.

The *beſt* I L *Hinges* are ſold by the *Pair*, *viz.*

Thoſe of 6 Inches at 9d. 7 Inches at 10d. 8 Inches at 1s. 9 Inches at 1s. 2d. 10 Inches at 1s. 6d. 11 Inches at 2s. and 12 Inches at 2s. 9d. a *Pair*.

N. B. There are *larger Sizes*, which are ſold at 10d. per *Pound*.

I-L *Hinges*, with *Riſing Joints*, are ſold by the *Pair*, as follows, *viz.*

Thoſe of 7 Inches at 1s. 2d. 8 Inches at 1s. 6d. 9 Inches at 1s. 9d. 10 Inches at 2s. 2d. 11 Inches at 3s. and 12 Inches at 4s. a *Pair*.

N. B. *There are* larger Sizes, *which are ſold at* 10d. per *Pound*.

Pew Hinges are ſold by the *Dozen*, as follows, *viz.*

Thoſe of 6 Inches at 9s. 7 Inches at 13s. 8 Inches at 17s. 9 Inches at 21s. and 10 Inches at 26s. per *Dozen*.

Shutter-Hinges are ſold by the *Dozen*, *viz.*

Thoſe of 6 Inches at 7s. 7 Inches at 10s. 8 Inches at 12s. and 9 Inches at 16s. per *Dozen*.

Side Hinges are ſold by the *Dozen*, as follows, *viz.*

5 Inches at 4s. 6d. 6 Inches at 6s. 7 Inches at 8s. 8 Inches at 10s. 9 Inches at 12s. and 10 Inches at 13s. per *Dozen.*

The *beſt-Dove-Tailed*-Hinges are ſold by the *Pair*, *viz.*

Thoſe of 3 Inches at 3s. 3 Inches ½ at 4s. 4 Inches at 4s. 6d. 4 Inches ½ at 5s. and 5 Inches at 6s. a *Pair.*

Locks.

The different Sorts of *Locks* are almoſt innumerable, as it reſpects the *Making* and *Contriving* their *Wards* and *Guards*, &c. and a more particular Account than what I ſhall give of them, would, by the Generality of Readers, I preſume, be thought ſuperfluous: the *Locks* I ſhall exhibit the Prices of, are,

1. *Baſtard Banbury-Stock*-Locks.

2. *Livery-Stock*-Locks.

3. *Plate-Stock*-Locks.

4. *Plate-Cloſet*-Locks; *ditto* with *Screws*, *ditto* with *ſingle* Springs; *ditto* with *double* Springs.

5. *Spring-Stock*-Locks, *twice* Dead; *Spring-Stock* Locks, *twice* Dead, in *Suite.*

6. *Iron Rimm'd*-Locks, *once* Dead; *twice* Dead and *Pull-Back*, with Braſs Knobs; *One* Bolt, *Two* Bolts, and *Three* Bolts, *plain*, and Wards *bound.*

7. *Braſs-Rimm'd*-Locks; *Cloſet*, *with Spindles*; not *Caſed*; *Caſed*, and *Sliding* Caſe.

8. D *Gate*-Locks, with *two* Wards, *three* Wards, *Steel*-Wards, *Slit-Key*, or *Letter-Key.*

9. *Hanging Locks: Pad Locks*; *Slit-Key'd*-Locks; *Bridg'd*, and *Secret-Pad*-Locks.

10. *Cabinet*-Locks; *Box*-Locks; *Cupboard*-Locks, and *Till*-Locks.

11. *Cabinet*-Locks; *Till*-Locks; *Scrutore*-Locks; *Deſk*-Locks; *Book Caſe*-Locks, in *Suite*; *Five* Locks, and *one* Key.

12. *Inſide*-Locks, for Cheſts, Deſks, Tills, Cupboards, and Boxes, *viz.*

X Keys, X Wards, XX Wards, XX and Bullet Wards; S Bitted, *&c.*

13. *Out-*

13. *Outſide* Locks for Boxes, Cheſts, Trunks, and Ban Boxes.

14. *Very ſmall* X Ward, *Cupboard*, and *Till* Locks.

I ſhall begin with thoſe which the *Wholeſale*-Dealers price dinſtinctly; and it muſt be obſerved, (by ſuch as would attain a true Notion of theſe Things) that as it was in the Caſe of *ſome* Hinges, ſo it is in the Caſe of *ſome* Locks; the Wholeſale *Ironmongers* and *Smiths*, to avoid, as much as poſſible, too great a Multiplicity of Prices, have contrived to *Claſs*, or *Sort*, ſeveral Kinds of Locks together, ſo that the Prices ſet down ſhall be applicable to all the *Sorts* in each *Claſs*.

Baſtard-Banbury Stock-Locks, are ſold by the *Dozen*, *viz.*

At 6s. at 7s. at 8s. and at 9s. per *Dozen*.

Livery-Stock-Locks are ſold from 6s. 6d. to 24s. per *Dozen*, *viz.*

At 6s. 6d. at 8s. 6d. at 9s. at 11s. at 14s. at 16s. at 20s. at 22s. and at 24s. per *Dozen*.

Plate-Stock-Locks are ſold from 8s. to 27s. per *Dozen*, *viz.*

At 8s. at 9s. at 11s. at 12s. at 14s. at 16s. at 20s. at 22s. at 24s. and at 27s. per *Dozen*.

Plate-Cloſet-Locks; of theſe, ſome are ſold by the *Dozen*; ſome are ſold *ſingly*, with *Screws*; ſome are ſold *ſingly*, with *ſingle Springs*; and ſome are ſold *ſingly*, with *Double* Springs; Thoſe ſold by the *Dozen* are from 11s. to 20s. *viz.*

At 11s. at 12s. at 14s. at 16s. and at 20s. per *Dozen*.

Thoſe ſold *ſingly* with *Screws*, are from 16d. to 3s. 6d. a piece, *viz.*

At 1s. 4d. at 1s 8d. at 1s. 10d. at 2s. 2d. at 2s. 9d. and at 3s. 6d. a *piece*.

Thoſe ſold *ſingly*, with *ſingle* Springs, are ſold from 6s. 6d. to 9s. a piece, *viz.*

At 6s. 6d. at 7s. at 8s. and at 9s. a *piece*.

Thoſe ſold *ſingly*, with *double* Springs, are ſold from 12s. to 16s a piece, *viz.*

At 12s. at 14s. and at 16s. a piece.

Spring-Stock-Locks, *twice* Dead, are ſold

ſold from 2s. 2d. to 9s. 6d. a piece, *viz.*

At 2s. 2d. at 2s. 4d. at 2s. 10d. at 3s. 6d. at 4s. 6d. at 5s. 6. at 7s. at 8s. and at 9s. 6d. a piece.

Spring Stock-Locks, *twice* Dead, in *Suite*, are from 11s. to 50s. *viz.*

At 11s. at 14s. at 16s. at 20s. at 22s. at 24s. at 26s. at 33s. at 40s. and at 50s. a piece.

Iron - Rimm'd - Locks are of ſundry Sorts, *viz.*

Once Dead, *twice* Dead, and *Pull*-Backs, with *Braſs*--Knobs; *one* Bolt, *two* Bolts, and *three* Bolts; *plain*, and Wards *bound*.

Braſs-Rimm'd-Locks, *Cloſet*, with *Spindles*, *not Caſed*, *Caſed*, and *Sliding-Caſed*.

N. B. *The above Locks are of ſeveral Prices*, viz. *from* 11*d. to* 32s. *a piece*, viz.

At 11d. at 1s. at 1s. 2d. at 1s. 6d. at 1s. 7d. at 1s. 10d. at 2s. 2d. at 2s. 4d. at 2s. 6d. at 2s. 9d. at 3s. at 3s. 6d. at 4s. at 4s. 3d. at 4s. 6d. at 4s. 9d. at 5s. 6d. at 6s. at 6s. 6d. at 7s. 6d. at 8s. at 8s. 6d. at 9s. at 9s. 6d. at 10s. at 12s. at 13s. at 16s. at 18s. at 21s. at 24s. at 26s. and at 32s. a piece.

Beſides thoſe *Iron-Rimm'd* Locks, and *Braſs-Rimm'd*-Locks before-mentioned, there are alſo 26 Sorts, which are ſold *in Suite*, viz.

At 14s. at 16s. at 19s. at 21s. at 24s. at 26s. at 28s. at 30s. at 33s. at 36s. at 38s. at 42s. at 48s. at 54s. at 60s. at 65s. at 68s. at 70s. at 76s. at 84s. at 90s. at 5l. at 5l. 10s. at 6l. at 6l. 10s. and at 7l. per *Suite*.

D *Gate*-Locks, if *two* Wards, *three* Wards, *Steel*-Wards, *Slit*-Key, or *Letter*-Key; are from 2s. 6d. to 14s. per *Dozen*, *viz.*

At 2s. 6d. at 2s. 9d. at 3s. at 3s 4d. at 3s. 6d. at 4s. at 4s. 6d. at 5s. at 7s. at 7s. 6d. at 8s. at 9s. at 11s. and at 14s. a *Dozen*.

Hanging-Locks, *Pad*-Locks, *Slit-Key'd*-Locks, are from 3s. 6d. to 16s. per *Dozen*. viz.

At

At 3s. 6d. at 4s. at 4s. 6d. at 5s. 6d. at 7s. at 8s. at 9s. at 10s. 6d. at 12s. at 14s. and at 16s. per *Dozen.*

Bridg'd and *Secret Pad*-Locks; ſome are from 9s. to 16s. per *Dozen*, *viz.*

At 9s. at 11s. at 14s. and at 16s. a *Dozen.*

Bridg'd and *Secret Pad*-Locks, ſome are ſold *ſingly*, and thoſe are from 20d. to 5s. 6d. a *piece*, *viz.*

At 1s. 8d. at 1s. 10d. at 2s. 2d. at 2s. 6d. at 2s. 9d. at 3s. 6d. at 4s. and at 5s. 6d. a *piece.*

Cabinet-Locks, *Box*-Locks, *Cupboard*-Locks, *Till*-Locks, (whether *in Suite or not*) are from 3s. 6d. to 16s. per *Dozen.* *viz.*

At 3s. 6d. at 3s. 8d. at 4s. at 4s. 6d. at 5s. 6d. at 7s. at 8s. at 10s. at 11s. at 14s. and at 16s. per *Dozen.*

Cabinet-Locks, *Till*-Locks, *Eſcrutore*-Locks, in *Suite*, *Five* Locks and *One* Key, *Deſk* Locks, and *Book Caſe* Locks, are from 2s. to 7s. a *piece*, *viz.*

At 2s. at 2s. 6d. at 3s. at 3s. 6d. at 4s. at 5s. 6d. and at 7s. a *piece.*

N. B. *There are ſome of* higher-price, *but not of common Uſe.*

Of *Inſide* Locks for *Cheſts*, *Deſks*, *Tills*, *Cupboards*, and *Boxes*, there are ſundry Sorts, *viz.*

X *Keys*, X *Wards*, XX *Wards*, XX and *Bullet-Wards*, S *Bitted-Spring*, &c. and theſe are ſold from 3s. 2d. to 36s. per *Dozen*, *viz.*

At 3s. 2d. at 3s. 6d. at 4s. at 4s. 4d. at 4s. 6d. at 4s. 8d. at 5s. 3d. at 5s. 6d. at 5s. 8d. at 7s. at 8s. at 9s. at 11s. at 12s. at 14s. at 16s. at 20s. at 22s. at 26s. at 28s. and at 36s. a *Dozen.*

Inſide-Locks, *not* ſold in *Dozens*, but *ſingle*, *viz.*

At 2s. 2*d.* at 3s. at 3s. 6d. at 4s. 6d. at 5s. at 5s. 6d. at 7s. at 8s. and at 11s. a *piece.*

Out-ſide Box and *Cheſt*-Locks, ſold by the *Dozen*, and are from 3s. 2d. to 19s. *viz.*

At 3s. 2d. at 3s. 6d. at 4s. at 4s. 6d. at 5s. 6d. at 7s. at 7s. 6d. at 8s. at 9s. 6d. at 11s. at 14s. at 16s. and at 19s. per *Dozen.*

Out-ſide-Locks for *Trunks* and *Ban*-Boxes, are ſold at 5s. 6d. *Ditto* plain Drill'd, at 7s. X Ward at 8s. Raiſed, at 14s. per *Dozen*.

Ditto Small X Wards *Cupboard* and *Till* Locks, are ſold per *Dozen*, *viz*.

At 4s. 6d. and at 5s. per *Dozen*.

IRON WORK.

Done by the *Pound Weight*, is

Caſements for Windows, Croſs-Window-Bars, filed, and Work of the like Nature, at 4d. ½ per *Pound*.

Iron Doors, and Shutters, at 10d. per *Pound*.

All hammer'd Work, as Chimney-Bars, Stays, Upright-Window-Bars, Iron-Fenders, Shutter-Bars, Pump-Work, Bolts, Saddle-Bars, Cramps, Hold-faſts, Wall-Hooks, Gudgeons, Hoops, and all Black Work of the ſame Nature, at 3d. ½ per *Pound*.

Pins, Hoops, Chains, Hooks, &c. to ſtable Bails, at 4d. per *Pound*.

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